

AD-A080 234

EXERCISE DESERT ROCK LAS VEGAS NV
EXERCISE DESERT ROCK VI. OPERATION ORDER NUMBER 9. (U)
APR 55

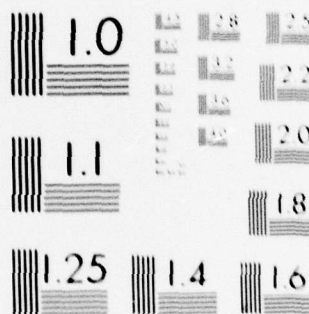
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1 OF 1
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MICROCOPY RESOLUTION TEST CHART
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INVENTORY

HQ Exercise DESERT ROCK VI, Nevada
Operation Order No. 9, including Change No. 1
Exercise DESERT ROCK VI
DOCUMENT IDENTIFICATION
April 1955

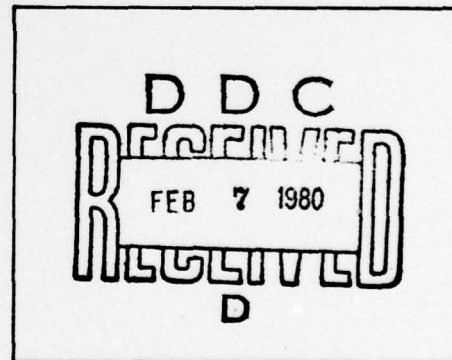
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DESERT ROCK VI



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HEADQUARTERS EXERCISE DESERT ROCK VI
Las Vegas, Nevada

AMCDR S-3 354.15

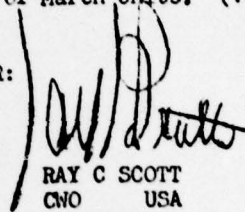
20 April 1955

SUBJECT: Change NR 1 to Operation Order NR 9

TO: See Distribution

Reference Annex F, Paragraph 3 e; Delete the following words:
"Controlling parking and dispatch of March Units. (VIP March Units to be
dispatched first after shot)".

FOR THE EXERCISE DIRECTOR:


RAY C SCOTT
CWO USA
Asst Adj Gen

DISTRIBUTION:

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S-1 Exercise Desert Rock VI
S-2 Exercise Desert Rock VI
S-3 Exercise Desert Rock VI
S-4 Exercise Desert Rock VI
95th Engineer Battalion
Battery (C) 532d FA
Instructor Group CDR
Rad-Safety CDR
Provost Marshal CDR
Transportation Corps CDR
Signal Off Exercise Desert Rock VI
Surgeon Exercise Desert Rock VI
QM Off Exercise Desert Rock VI
Hq Comdt Exercise Desert Rock VI
PIO Exercise Desert Rock VI
CO Armored Task Force
CO Infantry Test
Joint Office of Test Information, ATTN: Col Finn

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Headquarters Exercise Desert Rock VI
(872536) Nevada
250800 April 1955

(No Change From Oral Orders)

OPERATION ORDER NR 9

REFERENCE: MAPS: 1:50,000 Nevada

Sheets: Tippipah Springs 2758 II
Cane Springs 2757 I
Spector Range 2757 II
Papoose Lake 2858 II
Frenchman Lake 2857 IV
Mercury 2857 III

TIME ZONE: Pacific Standard

TASK ORGANIZATION:

Deputy Exercise Director	Brig Gen F.W. Sladen Jr.
Control Group Commander	Lt Col D.P. Reece
"C" Btry (-) 532d FA Bn Obsr	1st Lt J.T. Breunig
Infantry Regt Company Provisional	Major Richard Womer
50th Chemical Platoon	Capt W.T. Burnham
Army Aviation Section	Major J.B. Feldt
Armored Task Force	Brig Gen C.A. Sheldon
Canadian CBR Defense Teams	1st Lt M.A. Gilbert
Observers	Lt Col E.A. Shaw
Technical Projects	
40.21 Ordnance BRL	

1. SITUATION

Atomic Energy Commission will detonate an atomic device D-Day, H-Hour, which approximately 1,072 US Army, 170 USAF, 70 USN, 30 USMC, 65 AFSWP and 12 US Army Volunteer Observers, will observe, and 1,095 US Army and 57 Canadian Army Personnel will participate.

2. MISSION

Headquarters Exercise Desert Rock VI will conduct the Army's Portion of Shot APPLE II, area T-1, D-Day, H-Hour at the Nevada Test Site to:

- a. Indoctrinate Observers with the actual detonation of an atomic device.

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b. Obtain information, test equipment and train operators for FA Observation Battalion.

c. Test communication equipment of an Infantry Regiment to determine:

(1) The damage to communications when an atomic device is detonated in the vicinity of an Infantry Regiment, tactically disposed on an extended frontage. One front line Battalion with communications dug in, the other front line Battalion with "hasty" communications on top of ground. Reserve Battalion and Regimental CP in normal defensive positions.

(2) The time necessary to restore communications with TO&E personnel and equipment. Simulated casualties of personnel 20%.

d. To train personnel, test equipment and doctrine of CBR Defense Teams of Canadian Army.

e. The capabilities of a reinforced tank battalion to exploit immediately an atomic attack by capitalizing on the combined shock and casualty producing action of the atomic explosion and attacking armor to seize an objective.

f. Test effects of an atomic detonation on Ordnance equipment for the Ordnance Research Laboratories, Project 40.21.

3. EXECUTION

a. Armored Task Force:

- (1) Will arrive assembly area D-5 days vic 737920.
- (2) Will "dry run" problem on D-4 and D-3 days.
- (3) Will move into tactical position (3100 yds from GZ) D-1 Day.
- (4) See ANNEX A.

b. "C" Btry (-) 532d FA Bn

- (1) Consists of 80 personnel with 26 vehicles.
- (2) Locate atomic burst by three dimensional means, measure yield by use of EG&G Banghmetor..
- (3) Will man OP's located 7,000 to 17,000 meters from GZ. OP's will be occupied H-12 hours. Battery Commander will insure wire communication with Control Group Commander.

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(822906)	Flash CP	17 persons, 4 vehicles
(867868)	Station NR 1	3 persons, 2 vehicles
(843886)	Station NR 2	3 persons, 2 vehicles
(822906)	Station NR 3	2 persons, 1 vehicle
(805922)	Station NR 4	3 persons, 2 vehicles
(791938)	Station NR 5	2 persons, 1 vehicle
(740958)	Station NR 6	3 persons, 2 vehicles
(822928)	Sound CP	9 persons, 3 vehicles
(800951)	Radar	8 persons, 2 vehicles

c. 50th Chemical Platoon

Will provide survey personnel as required by Rad-Safe Officer.

d. Army Aviation Section

(1) Provide four (4) H-23 Helicopters on ground alert for emergency evacuation from forward area. Will be airborne on order of Control Group Commander.

(2) Attach two (2) H-23 Helicopters with pilots to Aviation Company of Armored Task Force. Aircraft will move to air strip on D-1 day. At H- Hour plus 4 minutes aircraft will take off in company with H-19 Helicopters and proceed directly to trench area, pick up two high ranking officers and/or news copy and return them directly to TV camera area at News Media vic 837885.

(a) Upon release by officers will proceed directly to air strip Camp Desert Rock.

(b) Aircraft will be under control of Aviation Company Commander until after take off at Yucca Lake.

e. Canadian RDU Team

(1) Will participate as Observers in Apple II.

(2) D+1 and D+2 days will conduct Radiological Survey problem in T-1 area.

f. Infantry Regimental Communications Company

(1) Will move to positions H-12 hours. See ANNEX B.

~~XXXXXXXXXX~~

g. Observers

- (1) Will move by motor march to trenches, T-10 area. See ANNEX C.
- (2) One selected group of observers will occupy position vic (776972).

h. Signal Officer

- (1) Will provide wire and radio communication with all elements of Exercise Desert Rock VI. See ANNEX D.
- (2) Provide all necessary assistance to Battlefield Surveillance Department for TV coverage.

i. Medical

- (1) Will provide one ambulance for each motor serial.
- (2) Will maintain one team aid men in each set of trenches, total 4 teams.
- (3) Will maintain aid station in parking area vic (835921).
- (4) Will provide 1 aid team (dismounted) for observer area Mine Mountain.

j. Rad-Safe Officer

Will coordinate and supervise all Rad-Safe survey teams. See ANNEX E.

k. Provost Marshal

Will provide TCP's to control traffic from Camp Desert Rock to area and return. See ANNEX F.

l. Battlefield Surveillance Department

Will provide TV coverage of Armored Infantry Platoon Airlift and movement of Armored Task Force forward. See ANNEX G.

m. Coordinating Instructions

- (1) Unit commanders will insure that all permanent party personnel have film badges. See MEMO 17 this Headquarters.
- (2) Group Commanders will organize group so that one or more responsible officers will check roster for each group. Group Commanders will certify that personnel are accurately loaded on assigned vehicles. If an individual is missing from the entrucking formation his name will be red-lined from the roster. The certified roster will be retained by S-2, Exercise Desert Rock VI for presentation to AEC upon request.

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(3) All control group personnel whose duties dictate their presence in forward area during future shots will obtain film badges.

(4) Roll call will be held prior to loading groups in vehicles by roster.

(5) All personnel will be familiar with provisions of Rad-Safe program.

(6) All personnel will be informed that two (2) minutes prior to H-Hour a 30 second siren signal will be sounded. At this time all personnel will crouch in their trenches with their eyes closed, and remain in that position until announcement to rise is made over PA system.

(7) Observers will be conducted through the display area under control of the Group Commander. Groups will move on order of the Control Group Commander.

(8) All personnel will be cautioned not to pick up any items in the equipment display area, or in the vicinity of ground zero.

(9) Emergency Evacuation direct to Camp Desert Rock.

4. ADMINISTRATION

a. Current administrative instructions apply.

b. Transportation

(1) Vehicles and drivers names as required will be furnished by Camp Desert Rock S-4. S-3 Section will prepare a roster of observers reflecting name, rank, branch of service, badge number and vehicle number.

(2) Vehicles will be marked, front and on right side, with a letter number system, i.e., A-1, A-2, B-1, B-2, etc.

(3) Each serial will contain one empty vehicle to transport personnel in case of breakdown.

(4) A wrecker will be located at rear of each serial. Vehicles which break down during the movement to the display area will be pushed to the side of the road and remain until the return to Camp Desert Rock, at that time wreckers will tow into Camp Desert Rock all non-operative vehicles.

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c. Medical

(1) Aid station will be established in the vicinity of Parking Area.

(835921)

d. Uniform and Equipment

(1) Individual participants and Observers:

(a) Clothing and Equipment:

OG 108	Pistol Belt
Combat Boots	Canteen, w/cover & cup
Field Jackets	containing water
Helmet, steel, w/liner	First aid packet and pouch

e. (1) Hot breakfast will be served in Camp Desert Rock prior to entrucking.

5. SIGNAL

a. Current SOI ANNEX D.

b. Forward OP Exercise Desert Rock VI open H-60 minutes at entrenchment area control points.

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ANNEXES:

- A. Armored Task Force
- B. Inf Regt Commo Test
- C. Route Map
- D. Signal.
- E. Rad-Safe
- F. Provost Marshal
- G. Battlefield Surveillance Dept.
- H. Emergency Evacuation

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[REDACTED]
Headquarters Exercise Desert Rock VI
(872536) Nevada
250800 April 1955

ANNEX A (Armored Task Force) TO OPERATION ORDER NR 9

TASK ORGANIZATION

723d Tank Battalion (-) one Company
Company C, 510th Armored Infantry Battalion
Battery A, 22d Armored Field Artillery Battalion
1st Platoon, Company C, 24th Armored Engineer Battalion
1st Platoon, Company B, 510th Armored Infantry Battalion
Provisional Aviation Company
(1) 7, HCPTR, H-19
(2) 3, HCPTR, H-23
(3) 3, Airplanes, L-19
(4) 3, Airplanes, L-20

1. PURPOSE

To provide a plan for the participation of an Armored Task Force in conjunction with an atomic explosion.

2. MISSION

To test the capabilities of a reinforced tank battalion to exploit immediately, an atomic attack by capitalizing on the combined shock and casualty producing action of the atomic explosion and attacking armor to seize an objective.

3. EXECUTION

- a. Task Force departs Camp Irwin 180600 April. Arrive Mine Mountain Assembly Area vic (738920) 211200 April 1955.
 - b. Aviation Company close Camp Desert Rock airstrip 210800 April 1955.
 - c. D-4 Days: Dry Run 1000 to 1800.
 - d. D-3 Days: Final Rehearsal 0430 to 1030.
 - e. D-2 Days: Vehicle Display vic (797000) Tippipah Springs Road.
- [REDACTED]

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f. D-1 Day: Task Force (-) occupies attack position 1300. See Appendix NR 1.

g. D-1 Day: Aviation Company occupies Yucca Lake airstrip 1430.

h. D-Day: -

H+6 minutes: Task Force moves to attack. See Appendix NR 1.

H+6 minutes: H-23 Helicopters depart airstrip (Yucca Lake) and fly column cover to evacuate casualties. Aircraft will fly below 300 feet altitude. Simulated casualties will be evacuated directly to News Media Hill for "First Impression Interviews". Appendix NR 2.

H+6 minutes: L-19 observers and Recon planes will depart airstrip and fly column cover for Task Force. Will maintain altitude 500 to 1,000 feet. Appendix NR 2.

H+18 minutes: H-19's take off from airstrip (Yucca Lake) to transport Infantry Platoon to objective. Altitude 300 feet. Appendix NR 2.

H+18 minutes: L-20 aircraft (T.V. plane of Battlefield Surveillance Department) departs airstrip. Covers H-19 movement of Infantry Platoon to objective, then covers forward movement of Task Force to objective. Will fly altitude 500 to 1,000 feet.

H+45 minutes: L-19's, L-20's, and H-19's will depart airstrip Yucca Lake to Task Force objective for resupply of Task Force. H-19's will land, load News personnel, and fly them to News Media Hill. H-19's will fly under 300 feet altitude. Fixed wing aircraft will fly altitude 500 to 1,000 feet. See Appendix NR 2 for routes.

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i. After re-supply mission all fixed wing aircraft will return to Yucca Lake Airstrip. H-19's will be utilized to transport News personnel from equipment display area to News Media Hill.

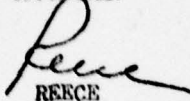
j. Enemy installations on objective will be marked by colored smoke grenades. Grenades will be detonated as Task Force approaches objective by electrical means from observer positions on Mine Mountain.

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APPENDICES:

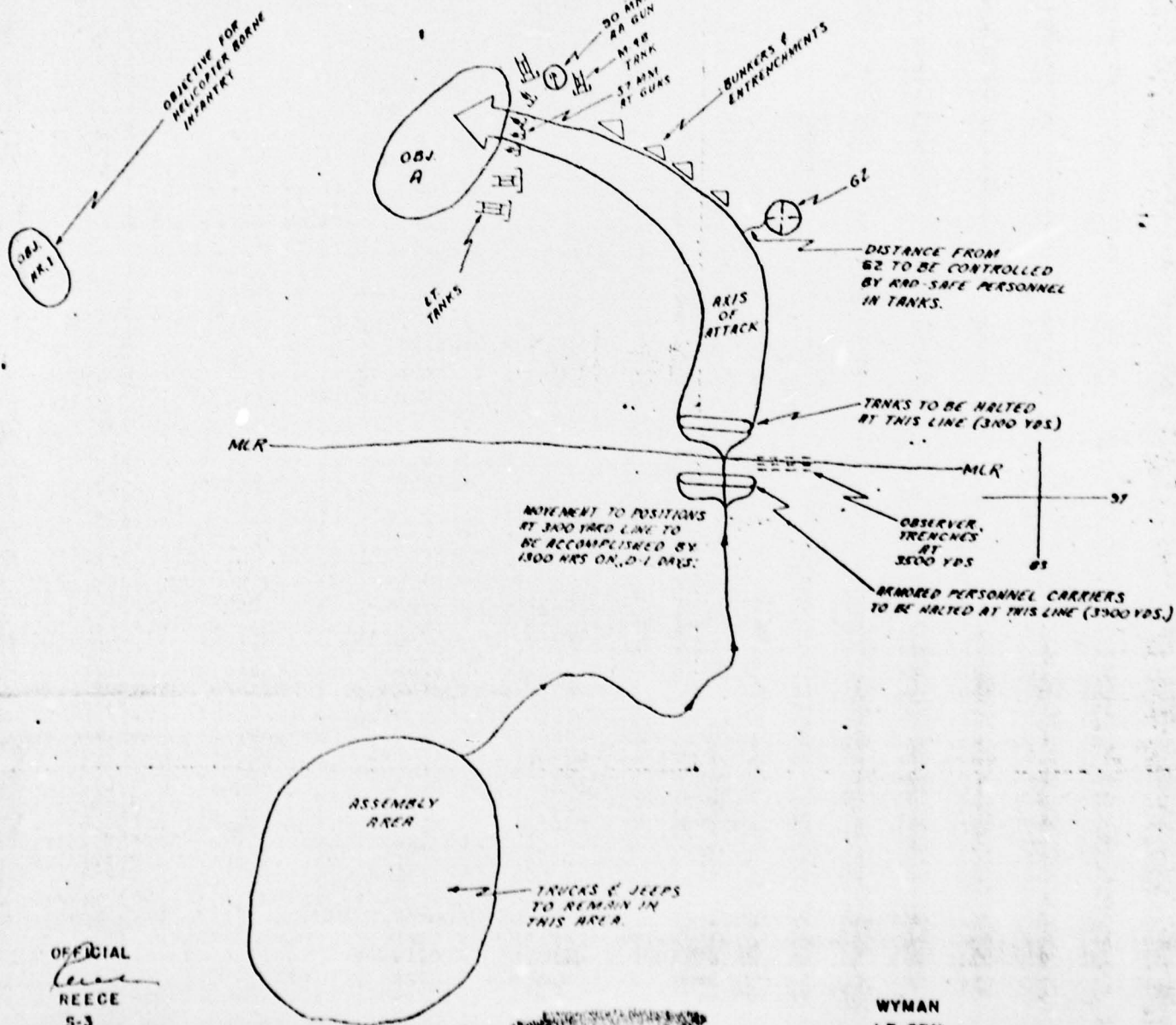
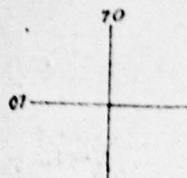
1. Armored Task Force
2. Atomic Test Army Air Participation Observers

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 (872536) NEVADA
 150800 APRIL 1955
 OPERATION ORDER NR. 9

APPENDIX 1 TO ANNEX A
 OF ARMORED TASK FORCE

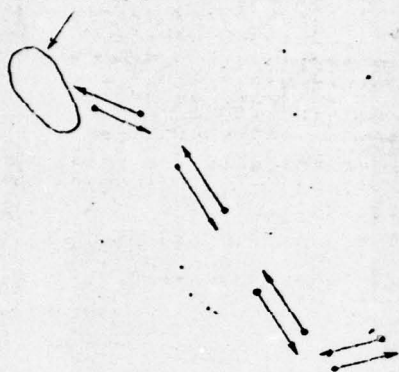


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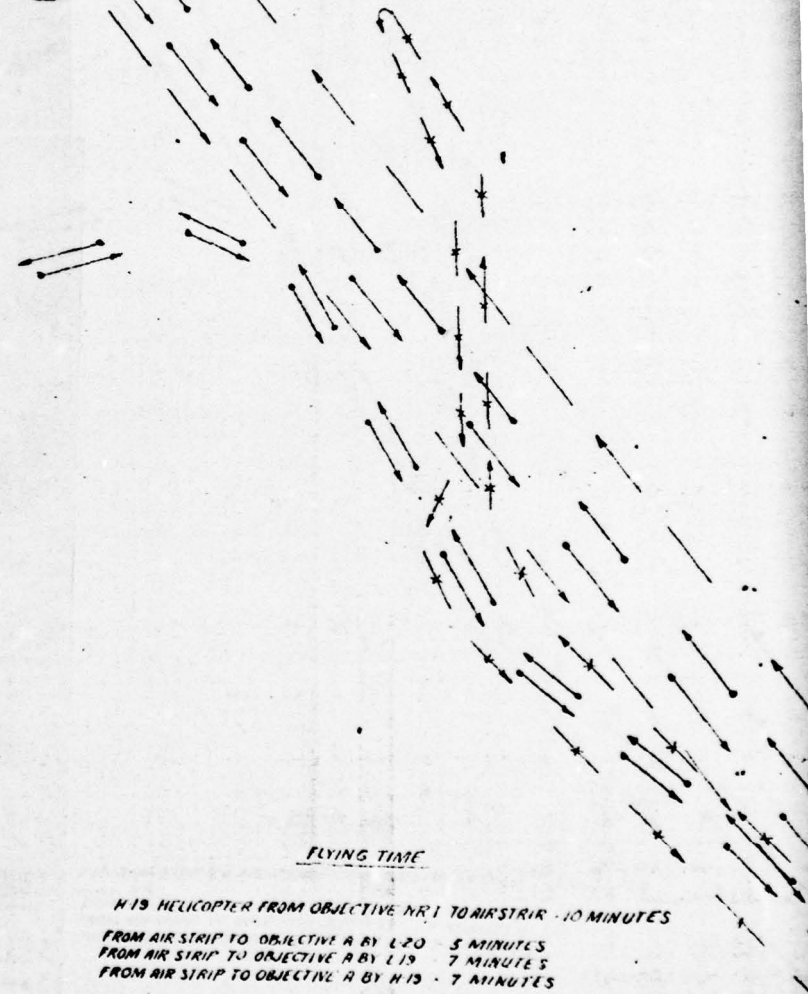
APPENDIX 2 TO ANNEX A
OPERATION ORDER NR 9

OBJECTIVE NR. 1



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OBJECTIVE A



ATOALC TEST
ARMY AIR PARTICIPATION
OVERLAY

FLYING TIME

H19 HELICOPTER FROM OBJECTIVE NR.1 TO AIRSTRIP - 10 MINUTES
FROM AIR STRIP TO OBJECTIVE A BY L20 - 5 MINUTES
FROM AIR STRIP TO OBJECTIVE A BY L19 - 7 MINUTES
FROM AIR STRIP TO OBJECTIVE A BY H19 - 7 MINUTES

LEGEND

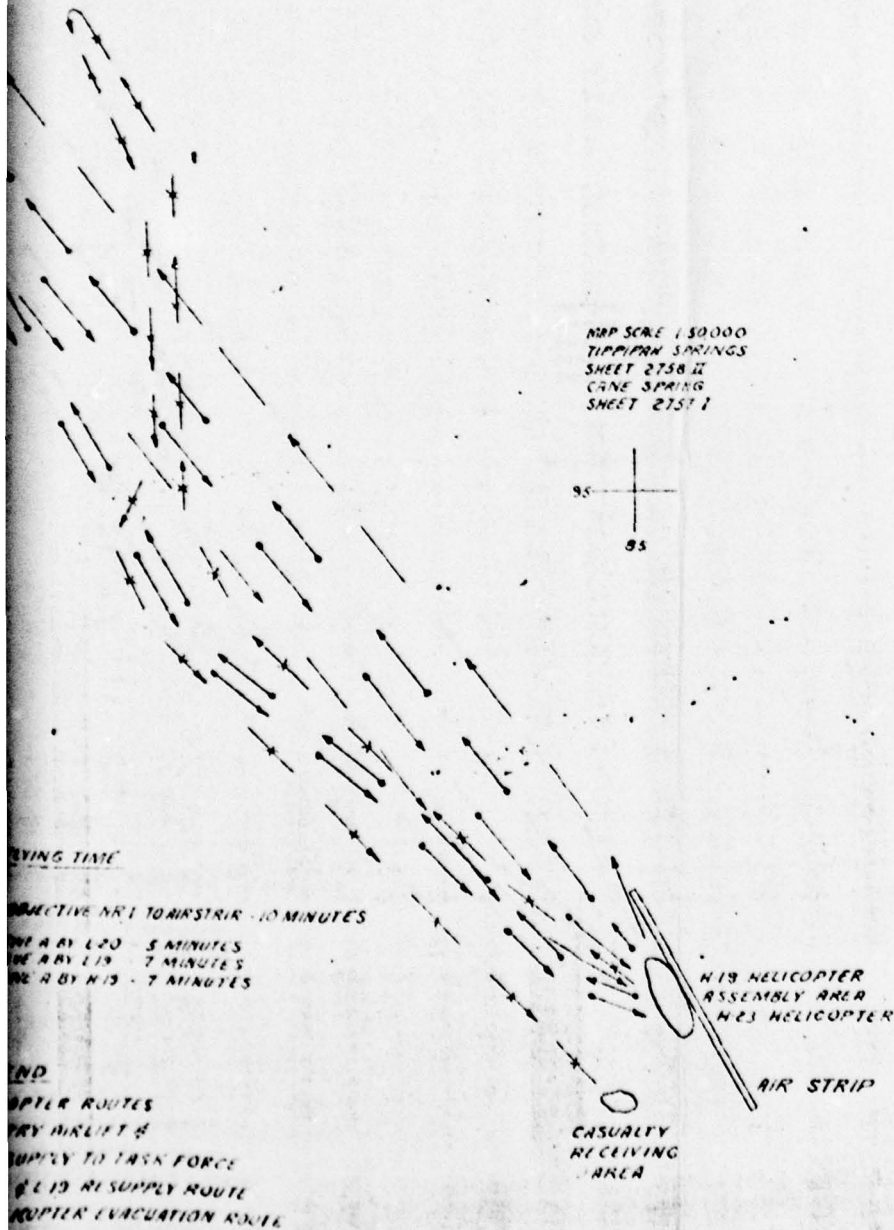
- H19 HELICOPTER ROUTES FOR INFANTRY AIRLIFT & AERIAL RESUPPLY TO TASK FORCE
- H19, L20 & L19 RESUPPLY ROUTE
- X— H23 HELICOPTER EVACUATION ROUTE

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HQ EXERCISE DESERT ROCK VI
(872536) NEVADA
250800 APRIL 1955

ATOAC TEST
ARMY AIR PARTICIPATION
OVERLAY

MGP SCALE 1:50000
TIPPIPAH SPRINGS
SHEET 2758 II
CANE SPRING
SHEET 2757 I



FLYING TIME

OBJECTIVE NR1 TO AIR STRIP - 10 MINUTES

WE A BY L20 - 5 MINUTES
WE A BY L19 - 7 MINUTES
WE A BY H13 - 7 MINUTES

END

OPTER ROUTES
TRY AIRLIFT &
SUPPLY TO TASK FORCE
& L19 RESUPPLY ROUTE
OPTER EVACUATION ROUTE


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Headquarters Exercise Desert Rock VI
(872536) Nevada
250800 April 1955

ANNEX B (Infantry Communications) TO OPERATION ORDER NR 9

1. Regimental communication system completely installed D-1 day.
 2. Troops close assembly area vicinity 3500 yd trenches H-12 hours.
 - a. Evaluation personnel close troop assembly area H-12 hours.
 - b. Rad-Safe teams (4) join troops troop assembly area H-5 hours.
 3. All test vehicles, less radio vehicles in shot area, will be parked in vehicle parking area by H-3 hours.
 4. All personnel occupy trenches H-10 minutes.
 5. All vehicles released to project officer H-15 minutes. Project officer release vehicles to Regimental and Battalion Communication Officers H-30 minutes.
 6. Test area to be occupied as follows:
 - a. Regimental communication platoon proceed by motor to regimental CP, reestablish communication.
 - b. Right front battalion communication platoon - proceed by motor to right battalion CP, reestablish communication.
 - c. Left front battalion communication platoon - proceed by motor to left battalion CP, reestablish communication.
 - d. Reserve battalion communication platoon - proceed by motor to reserve battalion CP, reestablish communication.
 7. Tactical Disposition - See APPENDIX 1 to ANNEX B.
 8. Facilities and Locations - See APPENDIX 2 to ANNEX B.
 9. Radio Net Diagram - See APPENDIX 3 to ANNEX B.
 10. Line Route Map - See APPENDIX 4 to ANNEX B.
 11. Evaluation Plan - See APPENDIX 5 to ANNEX B.
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12. H+ 12 hours - Termination of Test.

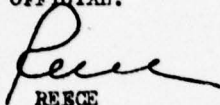
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APPENDICES:

1. Infantry Communications
2. Facilities and Locations
3. Infantry Communications
4. Infantry Communications
5. Evaluation Plan

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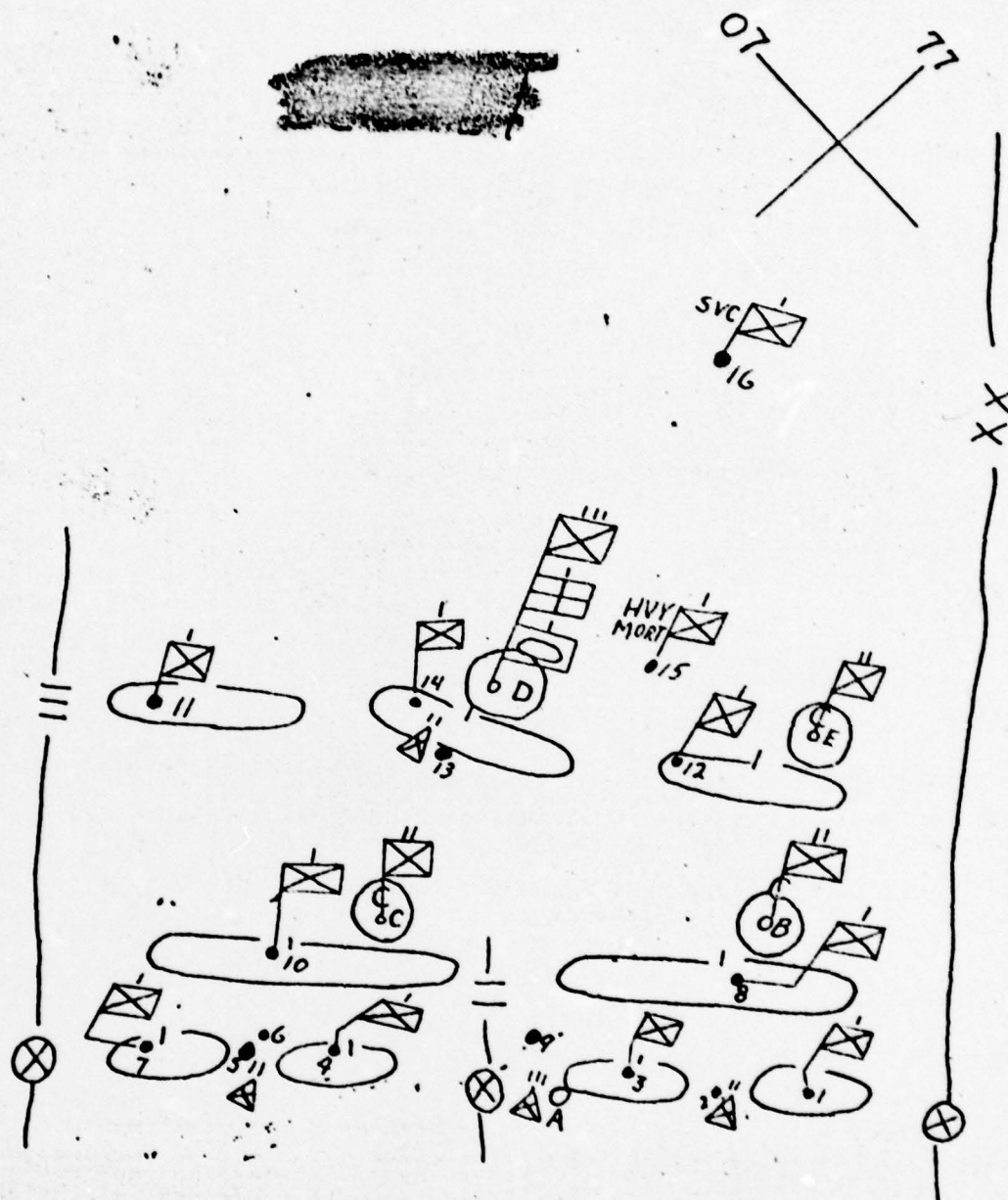


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HQ EXERCISE DESERT ROCK VI
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Headquarters Exercise Desert Rock VI
(872536) Nevada
250800 April 1955

APPENDIX 2 (Facilities and Locations) TO ANNEX B TO OPERATION ORDER NR 9

POINTS:

1. Co CP - 1 EE-8 Telephone - Surface
2. Bn OP - 1 EE-8 Telephone, 1 AN/PRC-10 - Surface
3. Co CP - 1 EE-8 Telephone - Surface.
4. Co CP - 1 EE-8 Telephone - Dug-in.
5. Bn CP - 1 EE-8 Telephone, 1 AN/PRC-10, 1 Remote Unit - Dug-in.
6. Bn Commander's 1/4 ton - 1 AN/PRC-10 (Remote to CP), 1 AN/PRC-10 - Dug-in.
7. Co CP - 1 EE-8 Telephone - Dug-in.
8. Co CP - 1 EE-8 Telephone - Surface..
9. Regt'l Commander's 1/4 Ton - AN/GRC-7 (Remote to Regt'l CP), 1 AN/PRC-10 Surface.
10. Co CP - 1 EE-8 Telephone - Dug-in.
11. Co CP - 1 EE-8 Telephone - Surface.
12. Co CP - 1 EE-8 Telephone - Surface.
13. Bn OP - 1 EE-8 Telephone, 1 AN/PRC-10 - Surface.
14. Co CP - 1 EE-8 Telephone - Surface.
15. Hv Mort Co CP - 1 EE-8 Telephone - Surface.
16. Service Co CP - 1 EE-8 Telephone - Surface.

CIRCLES:

- A. Regimental CP - 25 yds diameter, - EE-8 Telephone, Remote control from AN/GRC-7 - Surface.
- B. and E. Battalion CP - 400 yds diameter - Surface.

EQUIPMENT:

WIRE

- 1 - SB-22, Switchboard
 - 1 - SB-18, Switchboard
 - 6 - EE-8, Telephones
 - 6 - Local wire circuits (terminating in EE-8)
- ~~SECRET~~

- 1- Pr climbers
1 - RL-31, w/1/2 mi wire
2 - Reel Equip, CE-11
1 - RL-27 w/1/2 mi wire, WD-1
2 - Dispensers, MX-306

MESSAGE CENTER

- 1 - CP tent
1 - Clock
2 - Converters M-209
Logs, message books, pencils.

RADIO

- 1 - AN/GRC-9, AN/GRC-7 mtd 3/4 ton truck
4 - AN/PRC-10
1 - AN/TRC-7
1 - Panel Set Ap-30
1 - AN/VRC-10, mtd 1/4 ton truck, Repair Equipment.

C. Same as B and E Except dug-in with light overhead cover. Message center tent will not be erected.

(1). All positions will be dug-in to a depth of 8 ft.

D. Regimental CP - 600 yds diameter - Surface.

EQUIPMENT:

WIRE

- 2 - SB-22, Switchboards
1 - SB-18, Switchboards
11 - EE-8 Telephones
1 - Pr Climbers
1 - RL-31 w/1 mi wire, WD-1
2 - Reel Equip CE-11
1 - RL -27 w/1/2 mi wire, WD-1
3 - Dispensers, MX-306

MESSAGE CENTER

- 1 - CP tent

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4 - Converters, M-209

1 - Clock

RADIO

2 - AN/GRC-9, 2 - AN/GRC-7, mtd in 3/4 ton truck

3 - AN/VRQ-3's, mtd in trucks, 1/4 ton

1 - AN/GRC-9, mtd in truck, 1/4 ton

1 - AN/TRC-7

1 - AN/GRR-5

1 - Panel Set, AP-30

1 - Modification Kit, MX-898/GR, Repair Equipment

NOTE #1

Frequencies required for operation of radios

a. 8 FM Frequencies - between 38.0 - 54.9 mcs

b. 4 AM frequencies - between 2.0-12.0 mcs

c. 1 AM frequency - between 100.0 - 156.0 mcs

NOTE # 2

Total number radios involved in exercise:

3 - AN/VRQ-3's

.. 6 - AN/GRC-7's

6 - AN/GRC-9's

. 4 - AN/TRC-7's

1 - AN/VRC-10's

3 - AN/VRC-10's

.. $\frac{17}{40}$ - AN/PRC-10's

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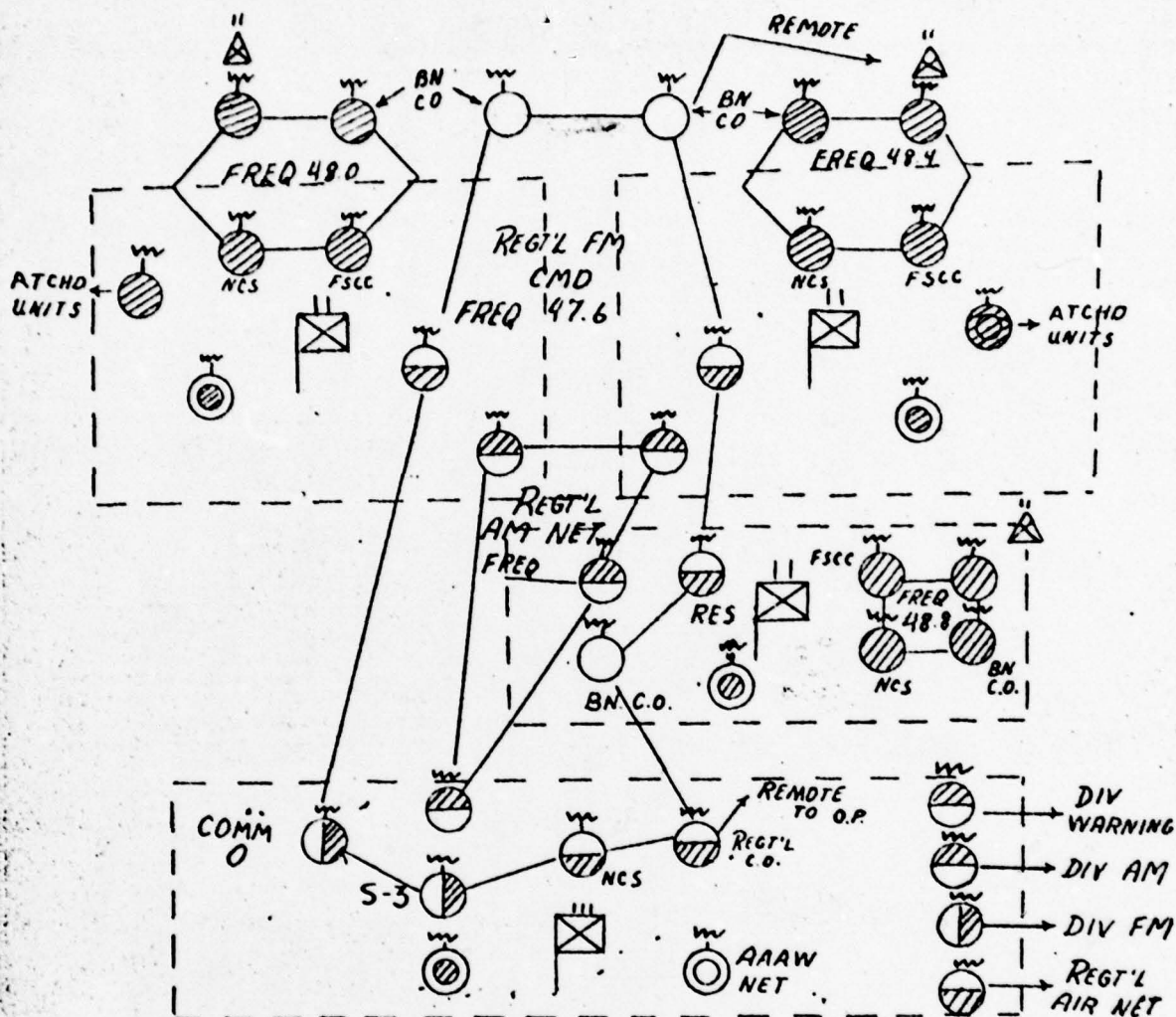
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APPENDIX 3 TO ANNEX B
(INF COMMO) OPERATION ORDER NR 9

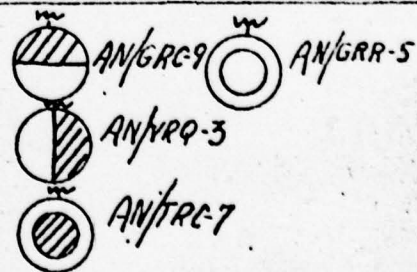
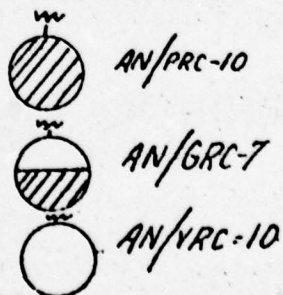
HQ EXERCISE DESERT ROCK VII
(872536) NEVADA
250800 APRIL 1955



NOTE
EVALUATOR NET
OF 8 AN/PRC-10'S
WILL BE ESTABLISHED
FREQ 49.0

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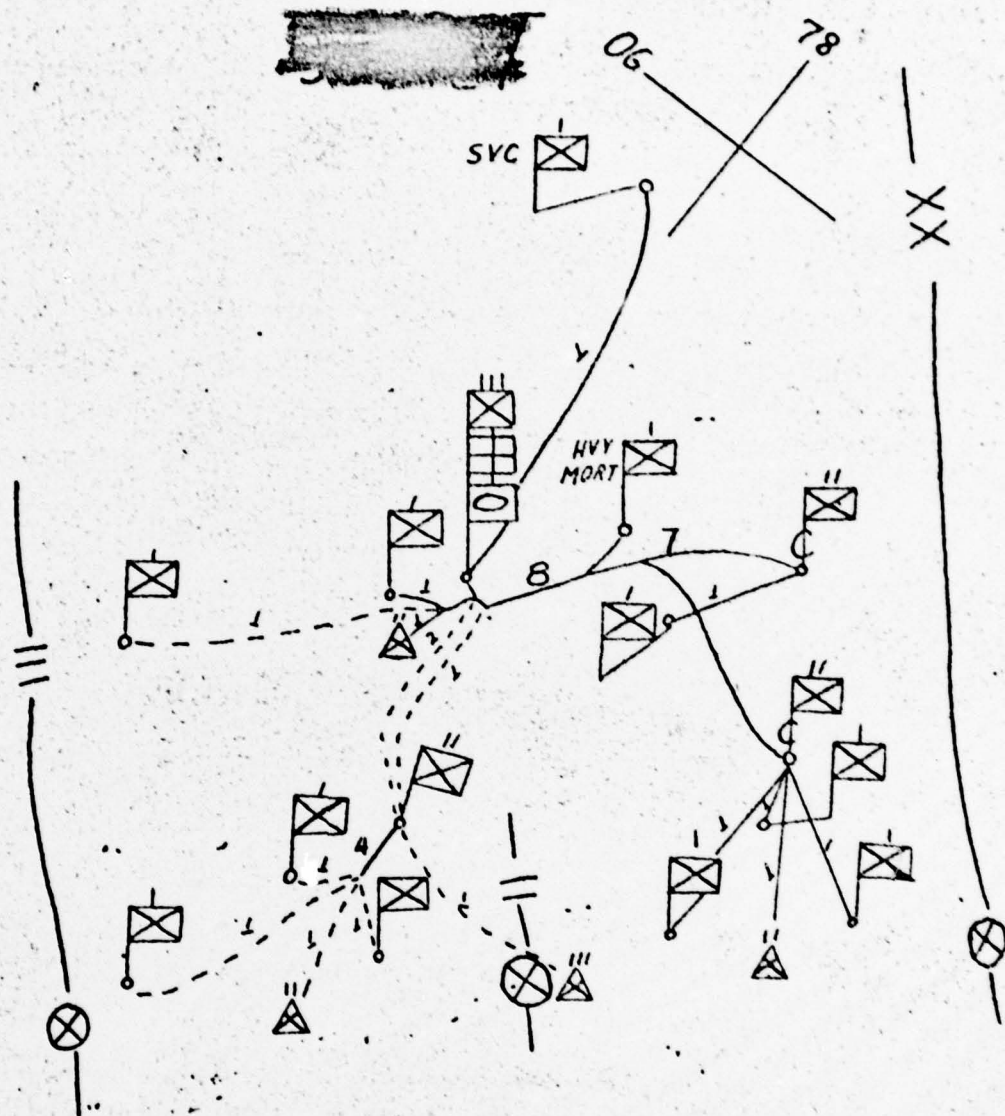
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APPENDIX 4 TO ANNEX B
(INF COMMO) OPERATION ORDER NR 9

HQ EXERCISE DESERT ROCK VI
(872536) NEVADA
250800 APRIL 1955



MAP NEVADA 1:50,000
TIPPIPAH SHEET

LEGEND

— SURFACE LINES
--- BURIED LINES - 6"-12" DEEP

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Headquarters Exercise Desert Rock VI
(872536) Nevada
250800 April 1955

APPENDIX 5 (Evaluation Plan) TO ANNEX B TO OPERATION ORDER NR 9

1. General

Purpose: To establish procedures governing:

- a. Disposition and duties of evaluator personnel.
- b. Assessment of 20% vehicular damage and personnel casualties required by basic test directive.

- c. Movement of participating troops and equipment into test area to re-establish the Communications system.

2. Disposition of evaluator personnel, based on availability of 4 officers and 11 NCO's.

a. Regimental Command Post Team (2 Off - 3 NCO's):

- (1) Radio Section - 1 Off and 1 NCO.
- (2) Wire Section - 1 Off and 2 NCO's.
 - (a) 1 NCO Switchboard.
 - (b) 1 NCO - Miscellaneous wire equipment, i.e., reel equipment, climbing equipment, tool equipment, etc.

b. 2nd Battalion (right - dug-in) Teams (1 Off - 4 NCO's):

- (1) One Officer - Supervise evaluation.
- (2) 1 NCO - Radio Section.
- (3) Wire Section - 2 NCO's.
 - (a) 1 NCO - Check Right Co and Reserve Co.
 - (b) 1 NCO - Check Left Co./Bn OP.
- (4) 1 NCO - Switchboard.

c. 1st and 3rd Battalion (left and reserve battalion - surface installation) Teams (1 Off) (2 NCO's per Bn):

- (1) Reserve and Left Bn - 1 Officer.
- (2) Radio Section of Left and Reserve Bn - 1 NCO.

[REDACTED]

(3) Wire Section of Left and Reserve Bn - 1 NCO.

d. Use of Officer personnel commanding participating troops:

(1) 1 - Regimental Communications Officer: Assume responsibility for overall supervision of participating troops, initial installation of the communications system and technique of restoration.

(2) 1 - Regimental Communications Platoon Leader:

(a) Command of all participating troops in the regimental command post area and supervision of the restoration of the communications system by the most rapid means possible.

(b) Supervise assignment of equipment testing personnel, i.e., telephone operators, radio operators, upon return to test area after the "shot".

(c) Supervise movement of personnel within test area during evaluation.

(d) Assist the evaluation officers in the regimental command post area as directed.

(3) Battalion Communications Platoon Leaders:

(a) Command communication platoons throughout the exercise and supervise restoration of the communications system.

(b) Supervise assignment of equipment testing personnel and maintain close control over movement of troops during evaluation.

(c) Assist the evaluating officer as directed.

3. Conduct of the Evaluation:

a. General: When the communications system has been installed, all participating troops will be moved to assembly area.

(1) Regimental and battalion evaluators will join their respective units in the assembly area and remain with them.

(2) After the "shot" and upon specific order from the Project Officer, each communications platoon will return to its respective test area. Evaluators will move with their respective column.

b. Assessment of 20% vehicular and personnel loss:

(1) While in the assembly area, the following personnel casualties will be designated and tagged:

[REDACTED]

(a) Regimental Communications Platoon:

Radio Section:

6 men - 1 Sgt Asst Chief Opr.

1 Cpl Radio Mech.

4 C.W. Radio Oprs.

Wire Section:

7 men - 1 Sgt Wireteam Chief.

2 Cpl Sr Wiremen.

1 Cpl Sr Swbd Opr.

3 PFC Wiremen.

Message Center:

2 men - 1 Sgt Sig Msg Supvr.

1 Cpl Sr Sig Msg Clk.

(b) Battalion Communications Platoons:

Radio Section:

2 men - 2 Cpl C.W. Oprs.

Wire Section:

3 men - 1 Sgt Wireteam Chief.

1 Cpl Sr Wireman.

1 PFC Wireman.

Message Center:

2 men - 1 Cpl Code Clk.

1 PFC Sig Msg Clk.

(2) Vehicular Damage Assessment:

(a) Regimental Communications Platoon:

2 - 1/4 tons - 1 Wire Section.

1 Message Center.

(b) Battalion Communications Platoons:

1 - 1/4 ton - Wire Section.

(3) (a) Casualty personnel and vehicles will not return to test area as part of their units but will be used for evaluation purposes.

(b) An AN/PRC-10 evaluator radio net will be organized using casualties as operators.

1. 1 Radio and Operator for each of four project officers.
2. 1 Radio and Operator for each of 4 officer evaluator teams.

(c) Transportation will be provided from damage assessed vehicles as follows:

1. 4 - 1/4 tons for project officers.
2. 4 - 1/4 tons for evaluator teams.

c. Re-establishment of Communication System:

(1) On order, communications platoons will return to test area by route designated.

(2) On arrival in command post areas each evaluator team will perform a visual inspection of the area before troops dismount from vehicles.

(3) Platoon leaders will organize platoons for test as follows:

(a) Designate telephone, switchboard, and radio operators for each piece of equipment in the system.

(b) Test equipment.

(c) Separate remaining personnel until their services are required, i.e., wire teams to restore circuits.

(d) Organize Message Center and radio repair shop.

(4) Duties of equipment operators:

(a) Radio:

1. Tag radio plus major components, i.e., auxiliary receiver, set NR 2.

2. Attempt to operate the equipment after performing visual inspection of damage. If radio fails to operate, apply immediate action to determine whether defect can be eliminated. Attempt to operate a second time. If unsuccessful, note time on tag and call evaluator for disposition.

3. In the case of larger radios, all components will be checked and tagged separately.

4. When any channel of communication fails, the Communications Officer will use any field expedient possible to restore the disrupted channel i.e., use a remaining serviceable radio in 2 nets.

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(b) Wire:

1. Tag all telephones and switchboards.
2. Attempt to operate equipment after performing quick visual inspection. If equipment fails to operate, apply "immediate action" and attempt to operate a second time. If unsuccessful, note time on tag and evacuate equipment.
3. Switchboards: Operator will ring all circuits and determine defective circuits. Wire teams will be dispatched to repair damaged lines. Where switchboard proves defective, expedients will be used to restore switchboard service.
4. The switchboard operator will maintain the serviceability chart and equipment tags at the switchboard.

(c) Message Center: Message Center will function normally, maintaining an accurate ways and means chart as a cross check on availability of all communications channels.

(d) Repair Shop:

1. After inspection by an evaluator, defective equipment will be evacuated through the repair shop.
2. Repairmen will conduct a visual inspection of each piece of equipment immediately and determine whether repair is possible at unit level. If not, tag will be so marked and equipment evacuated.
3. If repair is possible, equipment will be repaired.

d. Duties of evaluator personnel:

- (1) After return to command post areas for assessment of damage and restoration of system, evaluators will perform a visual inspection of area to determine general damage.
 - (2) When testing of equipment has begun, evaluators will permit no equipment to be evacuated until they have personally inspected the item and checked tag entries.
 - (3) Officer evaluators will constantly circulate in their areas of responsibility and be available for decisions on equipment.
 - (4) Each evaluator will have a copy of the equipment check list and will keep it currently posted.
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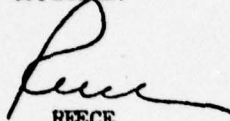
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e. Consolidation of Data:

- (1) Upon conclusion of test, all evaluator personnel will be assembled to attain views and opinions concerning TO&E changes and other recommendations.
- (2) All evaluator check lists will be consolidated for the final report.
- (3) Movement from test area will be on order of project officer.

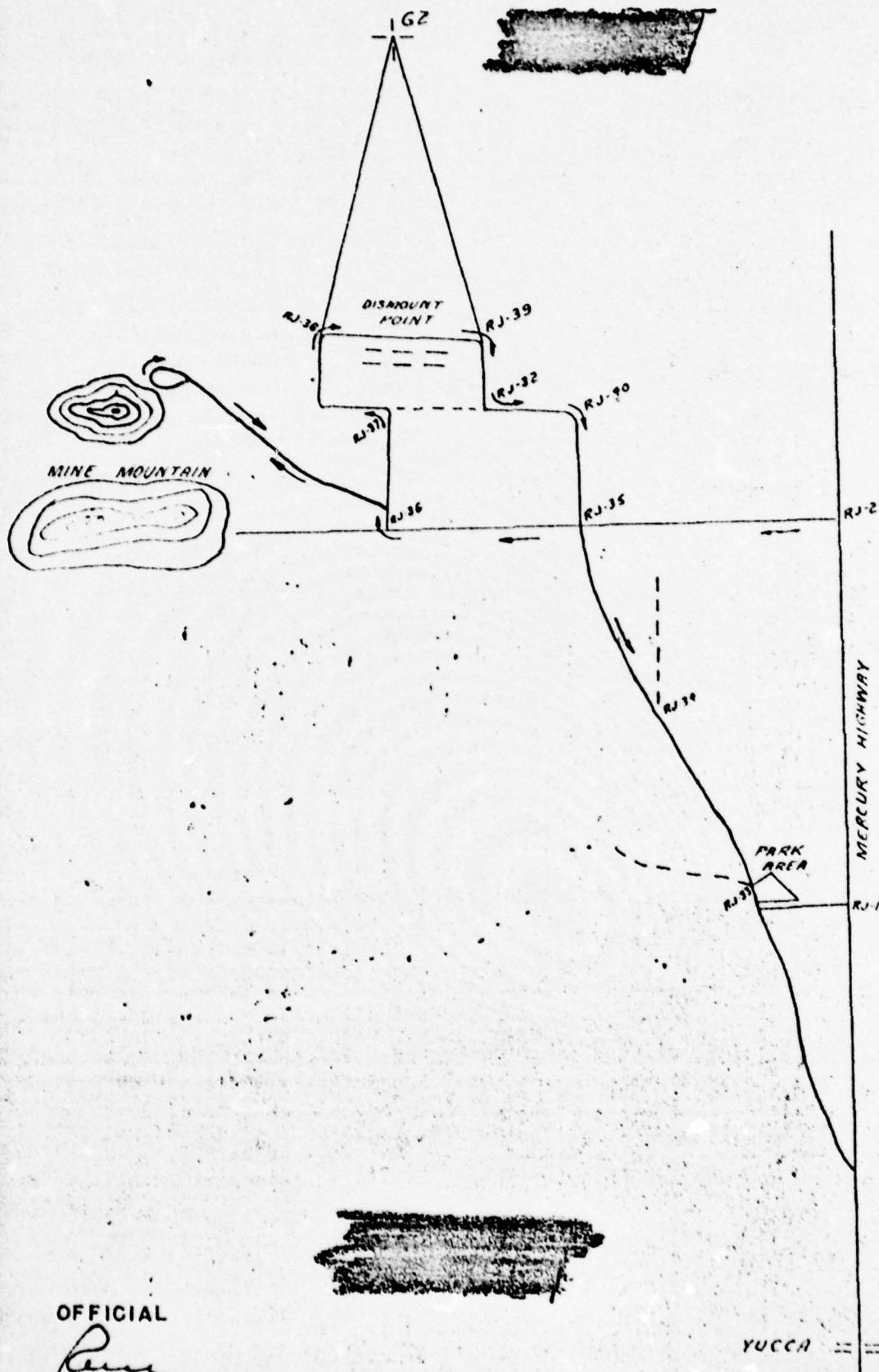
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ANNEX C (ROUTE MAP) TO
OPERATION ORDER NR 9

HQ EXERCISE DESERT ROCK VI
(872536) NEVADA
250800 APRIL 1955



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Headquarters Exercise Desert Rock VI
(872536) Nevada
250800 April 1955

ANNEX D (Signal) TO OPERATION ORDER NR 9

1. PURPOSE

To provide a plan for continuous and reliable communication for this command in the forthcoming exercise.

2. MISSION

The 232d Signal Company and attached signal teams will provide all communication services and photo dosimetry services.

3. EXECUTION

a. Wire communications (Appendix 1 & 2)

(1) Install and operate tactical type switchboard in the immediate vicinity of the troop trenches.

(2) Install two (2) spiral four cable lines direct from Camp Desert Rock to forward area switchboard.

(3) Install one (1) spiral four cable line direct from AEC Control Point at Yucca Pass to the forward switchboard (for emergency use only).

(4) Install two (2) dial trunks from AEC Control Point at Yucca Pass to forward area switchboard.

(5) Install two (2) direct lines from AEC Control Point at Yucca Pass to Command Trench, bypassing switchboard (one line for PA system and one line to Control Group Commander.)

(6) Install following local circuits from forward area switchboard:

(a) Four (4) circuits to Command Trench.

(b) Two (2) circuits to Armored Task Force CP.

(c) Two (2) circuits to Armored Task Force Command Tank.

(d) Two (2) circuits to 532d FA Obsv Bn.

(e) Two (2) circuits to Parking Area.

(f) One (1) circuit to each of the troop and Rad-Safe Trenches.

(7) Operate and Maintain four (4) position Switchboard in Camp Desert Rock.

(8) Operate one (1) position switchboard in Las Vegas High School from D-11 to D-3.

b. Radio Communications (Appendix 3).

(1) Radio silence from H-30 minutes to H+15 minutes with the exception of the Deputy Exercise Director's Command Net which will observe radio silence from H-15 minutes to H+15 minutes.

(2) Provide mobile radio net (Command Net) as emergency means for control and supervision of exercise.

(3) See SOI for all radio call words, call signs, and frequencies.

c. Public Address System (Appendix 4)

(1) System Number 1.

(a) Provisions will be made for control of PA system from a microphone located in the Command Trench and from the Test Director's Control Point at Yucca Pass.

(b) Speakers will be placed at such locations in the trench area that all persons in trenches can hear messages from the PA system. One speaker will also be placed at the Armored Task Force CP and will be connected in this system.

(c) Two (2) vehicles will be provided with portable PA systems and will be parked initially in the vehicle parking area. One (1) PA system will be used for orientating the troops in the parking area. The other mobile PA system will be on Stand-by and will remain in parking area until directed to be moved to the Command Trench to be used in orientating of troops while in the "PIE" area.

(2) System Number 2.

(a) Provisions will be made for control of this PA system from the Armored Task Force CP.

(b) One (1) speaker will be located at the Armored Task Force CP.

(c) One (1) speaker will be located at the News Media Area.

(d) Provisions will be made to connect this system into the speakers located in the trench area.

d. Press Communications:

Provide twelve (12) Radio Teletype circuits from the Official observers site of the forward area and terminating in Las Vegas, Nevada as follows:

8 circuits into the Las Vegas, High School.

4 circuits into the Review Journal.

e. Photo Dosimetry.

Issue and process photo Dosimetry badges in accordance with current SOP.

f. Supply and Maintenance

Signal supply and Maintenance will be provided at Camp Desert Rock.

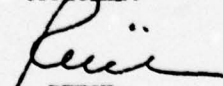
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APPENDICIES:

1. Wire Communications
2. Wire Communications
3. Radio Communications
4. Public Address Systems

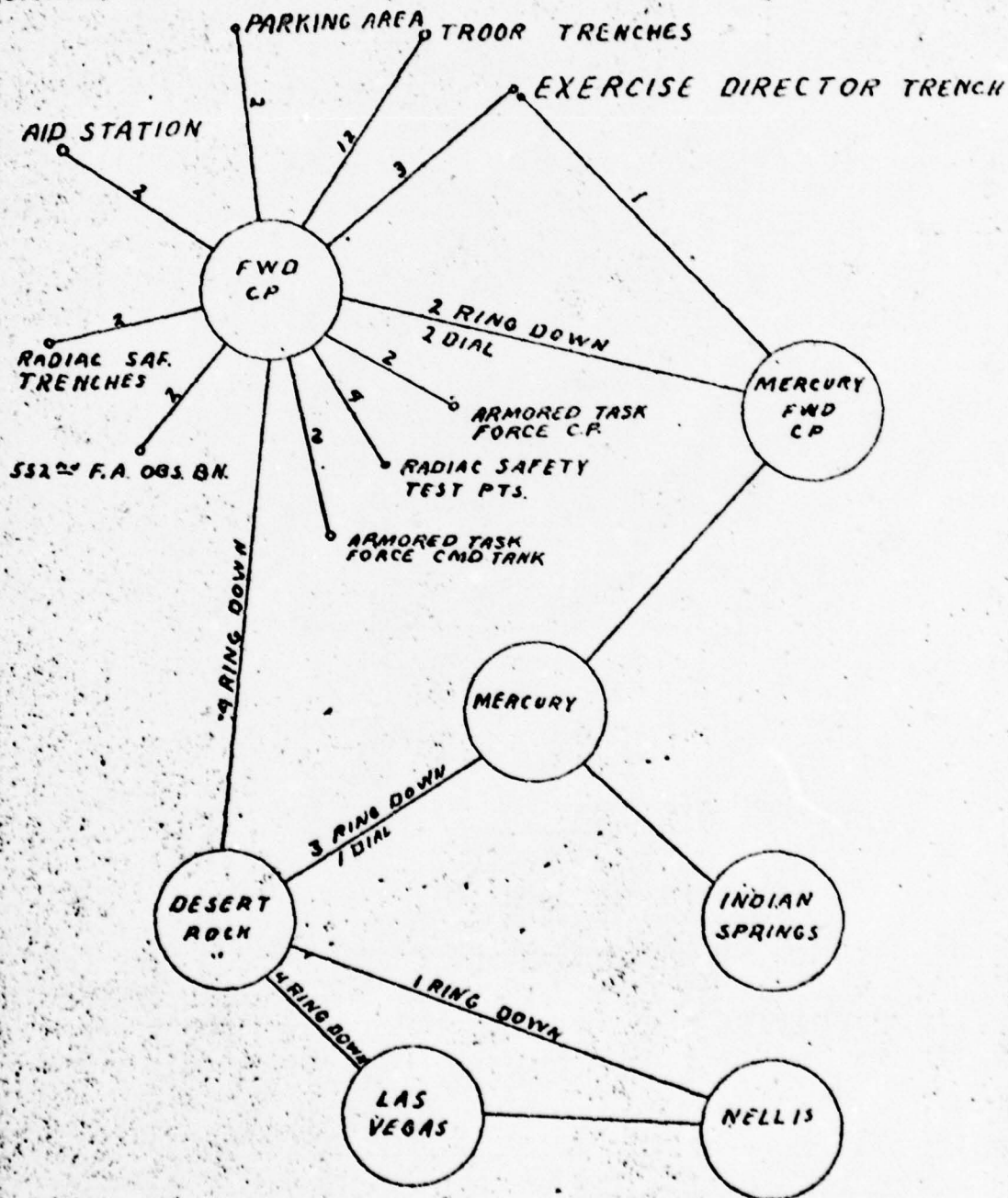
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APPENDIX "I" ANNEX "D"
(SIGNAL) OPERATION ORDER NR

HQ. DESERT ROCK VI
(872536) NEVADA
250800 APRIL 1955



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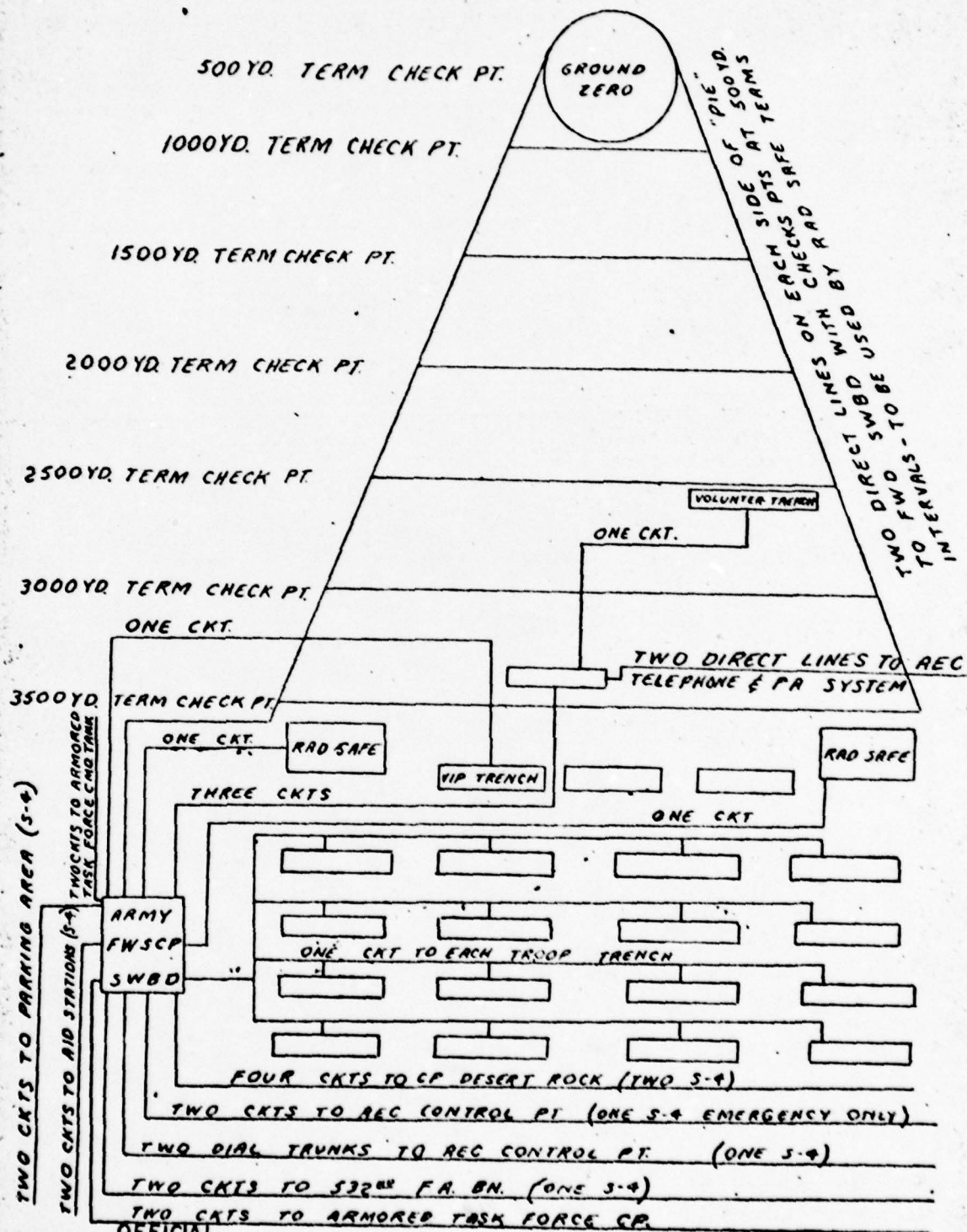
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APPENDIX "2" TO ANNEX "D"
(SIGNAL) OPERATION ORDER NR 5

HQ EXERCISE DESERT ROCK VI
(872536) NEVADA
250800 APRIL 1955

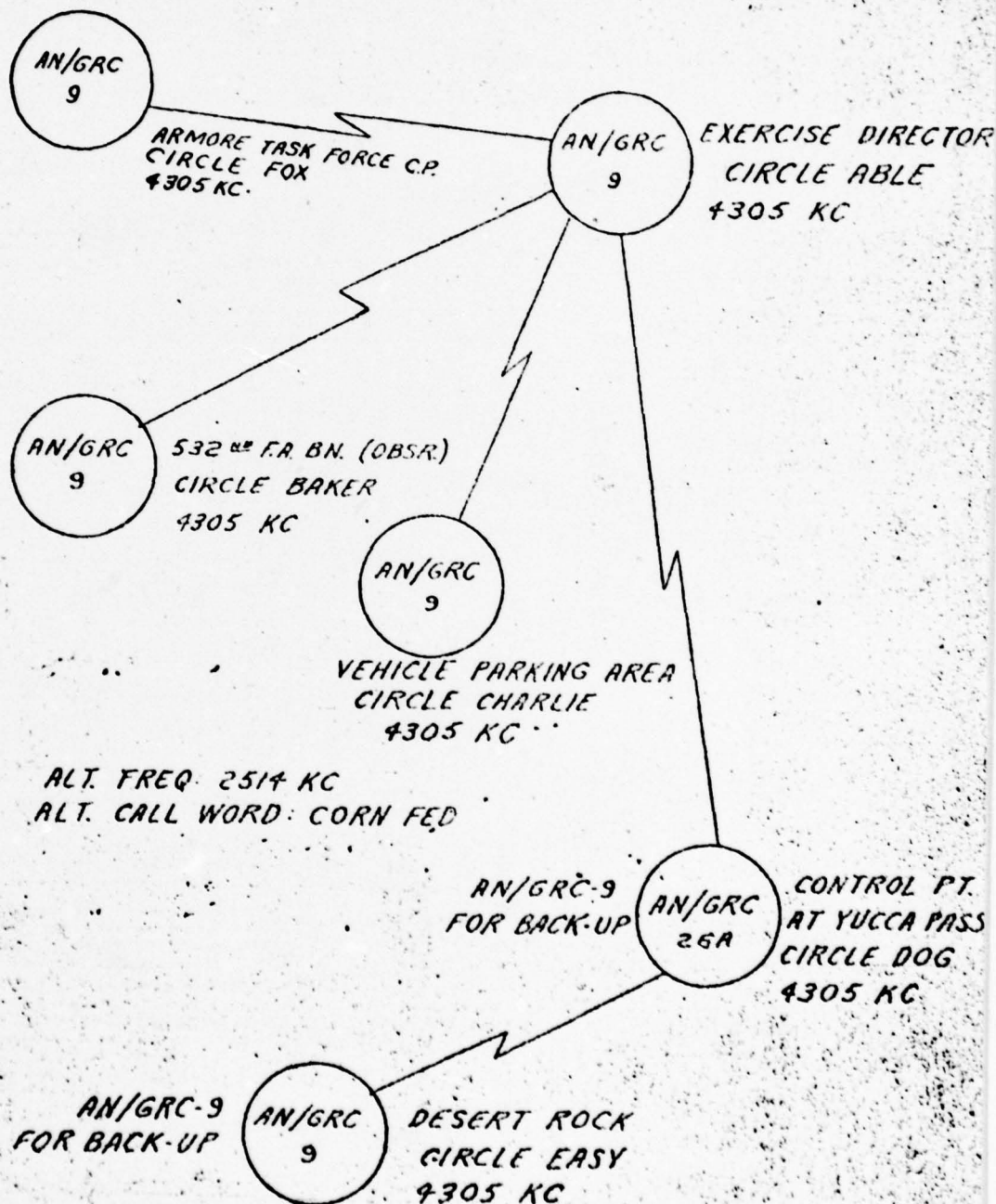


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APPENDIX "3" TO ANNEX "D"
(SIGNAL) OPERATION ORDER NR

HQ. EXERCISE DESERT ROCK VI
(872536) NEVADA
250800 APRIL 1955

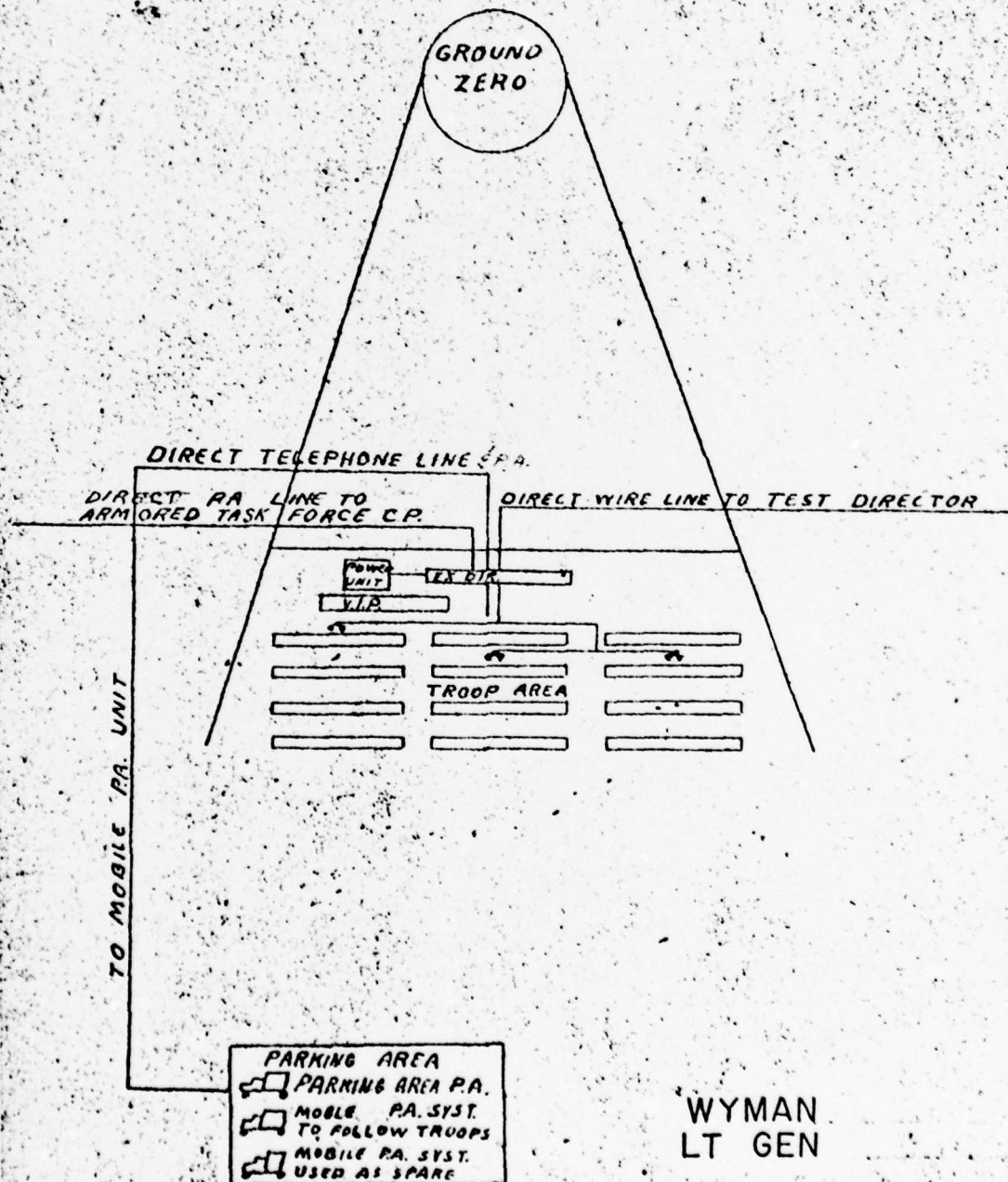


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250800 APRIL 1955

APPENDIX "4" ANNEX "D" (SIGNAL) OPERATION ORDER NR



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Headquarters Exercise Desert Rock VI
(872536) Nevada
250800 April 1955

ANNEX E (Radiological Safety Plan) TO OPERATION ORDER NR 9

1. MISSION

To provide radiological safety in Exercise DESERT ROCK VI to include organization, personnel, equipment, dosimetry, decontamination, and monitoring with operation procedures and restrictions for all participants based on criteria prescribed by Department of Defense.


2. OPERATIONS

a. Radiological Survey of Areas

(1) Pie Segment Survey

(a) After the shockwaves of the atomic detonation have passed, and it has been determined that the cloud is moving in a safe direction, two motorized, radio-equipped Radiological Survey Teams will proceed from the vehicle revetments near the troop trenches, on orders of the Rad-Safe Officer and each will start a radiological survey along opposite pie segment boundary roads proceeding toward Ground Zero. (See Appendix 1) Contamination signs will be erected on the pie boundaries at the following iso-intensity lines: 20mr/hr, 1r/hr, 3r/hr, 5r/hr. Upon reaching the 5r/hr line, the motorized team will start crossing the pie segment, trailing Engineer Tape along the 5r/hr iso-intensity line. Upon reaching the opposite boundary line, or meeting the other survey team, a team will turn around and post appropriate contamination signs at intervals of approximately 50 yds across the taped 5r/hr iso-intensity line and secure the tape to the posts. No troops or observers will cross the 5r/hr iso-intensity line. After establishing the 5r/hr line, the two survey teams will proceed in the pie segment away from Ground Zero each surveying one half of the pie segment to seek out any isolated areas of high intensity contamination which, if found, will be marked with tape and contamination markers.

(b) When radio silence can be broken the Rad-Safety Officers Radio-mounted jeep with radio operator and driver will proceed to the command post where the Rad-Safety Control Center is established.



[REDACTED]

(c) Soon after the two monitors proceed toward GZ on the pie segment boundary roads, the observers will be allowed to walk toward GZ, preceded by a vehicle with mounted public address system for control. The sound truck will be flanked by one motorized Rad survey team on its right and one on its left and slightly ahead each covering one half of the segment. These survey teams will conduct continuous surveys ahead of the observers. Upon reaching the 5r/hr line the teams preceding the sound truck will immediately return from the high intensity area. Enroute toward ground zero the observers will be warned by means of the PA system not to touch equipment or pick up souvenirs in the pie segment.

(d) Two auxiliary motorized Rad Survey Teams will be on standby basis at the vehicle revetments.

(e) The Radiological Survey Teams will consist of one driver and one monitor both trained as radio monitors.

(2) Armored Force Radiological Survey.

(a) Twenty (20) monitors will be provided for the Armored Force Test for continuous area and vehicle monitoring during the advance of the armored force and after the objective is reached. The monitors will be positioned mainly in the lead and right flank armored vehicles, with the remaining monitors dispersed throughout the formation.

(b) The lead tank will proceed toward ground zero from the IF until a radiation intensity reading inside the tank of one (1) roentgen is reached (this will indicate approximately eight (8) roentgens on the outside of the tank) and then veer to the left toward the objective.

(3) Two (2) monitors will accompany the Armored Platoon that will be airlifted by helicopter. These monitors will survey all areas in which these troops maneuver.

(4) Five (5) monitors including one (1) officer will be provided for the VII observer area on Mine Mountain.

(5) A minimum of four (4) monitors will be furnished to OIC Infantry Regimental Communications Test.

b. Dosimetry

(1) Film Badges will be issued on the following basis:

[REDACTED]

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- (a) One per VIP.
- (b) One per individual not in a group or who may operate separately.

One for each permanent party individual.

- (c) One per twelve men in a group, of official observers.

(2) Pocket Chamber Dosimeters will be issued as follows:

- (a) One per VIP.
- (b) One per Radiological Survey Team, or monitor operating separately.

(3) For additional information on photodosimetry (film badges), See Memo Nr. 17 SCF for Photodosimetry, Film Badge, this headquarters, 11 Feb 55.

c. Radiac Survey Meters will be issued on the following bases:

(1) AN/PRD TIB

- (a) Two per Radiological Survey Team.
- (b) Two per decontamination station.
- (c) One per monitor operating separately.

(2) AN/PRD 27A

- (a) Ten per decontamination station.
- (b) One per Radiological Survey Team.
- (c) Thirty per Personnel & Vehicle Monitoring Team.

d. Personnel & Vehicle Monitoring and Decontamination. (See Appendix 2)

e. Emergency Evacuation. (See Annex H)

f. Each Radiological Survey Team will have the following equipment:

1 - 1/4 Ton Truck w/radio.

2 - AN/PDR TIB.

2 - AN/PDR 27A.

2000' - Engineer Tape.

1 - Sledge or single - bit axe or maul.

1 - Grease pencil (dark color).

1 - Field phone with clog contacts.

1 - Compass.

1 - Flashlight.

1 - Contamination Marker, 1r/hr, (on stake).

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- 1 - Contamination Marker, 3r/hr, (on stake).
8 - Contamination Markers, 5r/hr, (on stakes).
1 - Contamination Marker, 20mr/hr, (on stakes).
3 - Contamination Markers, Blank, (on stakes).

3. The maximum total tolerance dosage that an individual will be allowed to assimilate in DESERT ROCK VI is 6r, with no more than 3r prompt radiation.

Maximum overpressure for personnel is 5 lbs/sq in. Maximum thermal radiation is 1 calorie per sq cm.

4. Means of communication between motorized Radiological Survey Teams and the Rad Safe Officer will be by radio. Alternate means will be by telephone. Buried phone wire will be laid down the pie segment boundary road on the East from the troop trenches to within 1,000 yds of Ground Zero. Phonelines to this line will be established on stakes at 500 yd intervals between a point 1,000 yds from Ground Zero and 3500 yds from Ground Zero.

5. Busses will not enter areas with intensities of 20mr/hr or higher.

6. All permanent party personnel present in the pie segment on shot days will be equipped with dust respirators, provided the nature of their duties require them. The respirators will be donned only if breathing becomes difficult due to excessive dust or if dust in the eyes affects vision or comfort. Protective masks (gas masks) are considered suitable substitutes.

7. Flare pots located on the ground near the ends of the personnel trenches before the shot will be extinguished and placed in the trenches prior to the detonation.

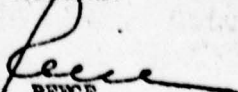
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APPENDICES:

1. Rad-Safe
2. Personnel and Vehicle Monitoring and Decontamination.

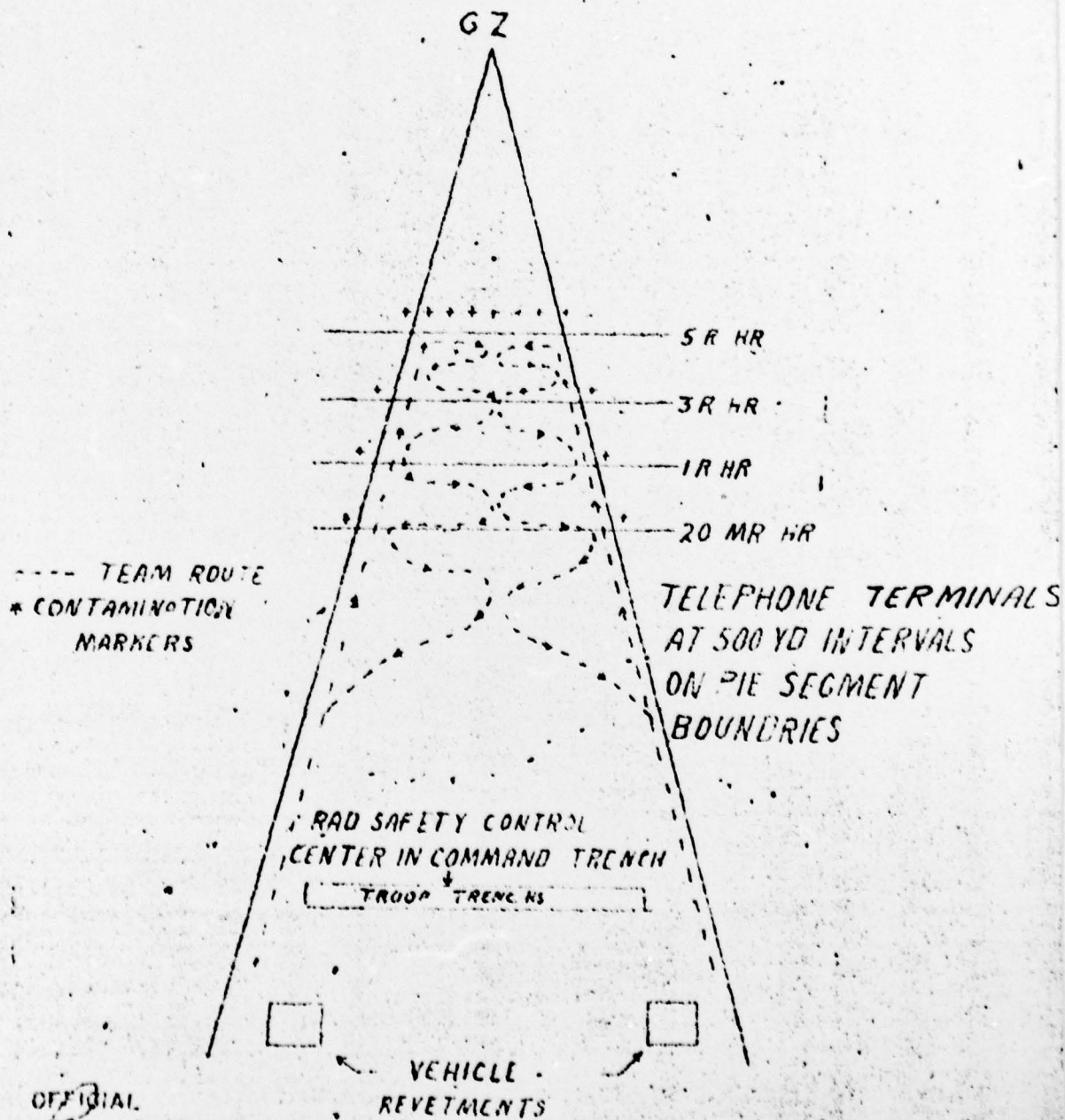
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APPENDIX I TO ANNEX E
(RAD-SAFE) OPERATION ORDER NR 9

HQ EXERCISE DESERT ROCK VI
(872536) NEVADA
250800 APRIL 1955



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APPENDIX 2 (Personnel and Vehicle Monitoring and Decontamination) TO ANNEX E
TO OPERATION ORDER NR 9

1. PURPOSE

To establish procedures for the monitoring and Decontamination of personnel and vehicles against radiological contamination.

2. DEFINITION

Radiological contamination is the deposit of dust or dirt containing radioactive materials upon the surface of the skin, clothing, vehicles or equipment. Decontamination consists of the removal of this dust or dirt by brushing, sweeping, washing, or abrasion.

3. EXECUTION

a. Observers: Before personnel are entrucked at the entrucking point to leave the trench area, all personnel and vehicles will be swept off with brooms, and then surveyed for radiation contamination. Rad-Safe personnel will conduct the survey augmented by a 20 man monitoring team with AN/PDR 27A Radiac instruments. If the maximum tolerance intensity is still 20 mr/hr or greater, the vehicle or person concerned will again be swept off with a broom in another attempt to lower the intensity by removing the dust or dirt. If this fails to lower the intensity below 20mr/hr, the individual or vehicle concerned will be taken to the decontamination station located approximately 1000 yards north of the CP at Yucca Pass. (848888) Here a resurvey will be taken and if the intensity is still 20mr/hr or greater decontamination procedure will be administered by showering the individual or washing the vehicle. Each personnel carrier vehicle will be equipped with two brooms, provided by the operating agency. The group leader is responsible for decontamination of his personnel and vehicle.

b. Armored Force: When the armored Force completes the maneuver by taking the objective, all personnel and vehicles will be swept off with brooms carried in the armored vehicles, and then surveyed for radiation contamination. Rad-Safe personnel will conduct the survey with TIB radiac instruments. If personnel contamination cannot be lowered to 20mr/hr or less by sweeping, the individual concerned will be taken to the decontamination station located at Yucca Pass. The individual must take a change of clothing with him to the decontamination station.

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If contamination of an armored vehicle cannot be lowered to 20mr/hr or less by sweeping and it is indicated that radiation decay will not effect the decontamination soon enough, the Rad-Safety Officer will be notified for assistance and/or advise.

4. Radiological survey of personnel and vehicles will be conducted by holding radiac instruments two inches from the surface being surveyed. Particular attention will be paid to the individuals shoes, eyebrows, hairline and hands.
5. Other than the showering and washing facilities at the decontamination station, brushes, containers of soapy water and rinse water will be present for cleaning shoes. The stations will have 10 each AN/PDR 27A, 2 each AN/PDR TIB, and 20 each brooms. Shipping tags and string will be on hand for marking and tying the individuals contaminated clothes.

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Headquarters Exercise Desert Rock VI
(872536) Nevada
250800 April 1955

ANNEX F (M.P. Control) TO OPERATION ORDER NR 9

1. MISSION

To provide direction and control of Military vehicles in serials in the Nevada Proving Ground area during Exercise Desert Rock VI, shot "APPLE II".

2. OPERATIONAL TASKS

a. The Provost Marshal, Exercise Desert Rock VI, will be responsible for the implementation and coordination of the plan outlined herein.

b. The Commanding Officer, Company C, 505th M.P. Battalion will provide necessary personnel and equipment to accomplish tasks as prescribed herein.

3. DETAILED PLANS

a. The Provost Marshal will be with the Command Group. The vehicle with driver will proceed to the parking area and after the shot will return for use of Provost Marshal at trench area.

b. The Assistant Provost Marshal in M.P. Bus will place Military Police on posts enroute to parking areas (Through dismount point), thirty minutes prior to first serial reaching post #1. TCP #1, #2, #3, #4, #5, #6, #7, #13, #8, #9 #10. Then he goes to TCP #4 and awaits March Unit NR 1 then picks up TCP #4 and waits at TCP #5 till March Unit NR 1, returns from Mine Mountain. Upon return of March Unit from Mine Mountain the M.P. Bus picks up TCP #5 and following picks up TCP #6, #7, #8, #9, #10, #3, #2 and goes to Parking Area via RJ 1.

Upon arrival at Parking Area and after verification of count on TCP's the Assistant P.M. reports to the P.M. via telephone, reporting that all vehicles and all Military Police are clear.

c. (1) After the shot, the Asst P.M. will dispatch the Rad-Safe vehicles, P.M. vehicles, and ambulances. The M.P. Bus will move out to post Military Police at TCP #12, #3, #4, #5, #6, #7, #8, #9, #10, #2 and will proceed to Parking Area via RJ 1.

(2) When Parking Area is cleared the M.P. Bus proceeds to pick up TCP #12, #4, #5, (after return of VIP Bus from Mine Mountain) #6, #7, #13, #8, #9, #10, #3, #2, #1. Upon picking up TCP #1 the M.P. Bus will await rendezvous with men of TCP #11 and the Provost Marshal.

d. One officer and six Military Police of TCP #13 will after controlling dismount at trenches, go into trenches for the shot. After the shot TCP #13 will man the access road thru the display area and control the loading of buses for return to Camp Desert Rock. (Access road is designated by Rad-Safe). Entrance into access road will be deferred until it is clear of walking personnel. TCP #13 will remain on posts till picked up by M.P. Bus.

see change #1 attached
e. Four (4) Military Policemen with 1 Non-Com in charge of TCP #11 will proceed to Parking Area via RJ 1 (transportation - 1 1/4 ton w/radio, 1 1/4 ton w/out radio) and will remain there throughout the shot ~~controlling parking and dispatch of March Units.~~ (VIP March Units will be dispatched first after shot)

After the Parking Area has been cleared TCP #11 will proceed to TCP #1 (Yucca Pass) and rendezvous there with M.P. Bus and the P.M.

f. Traffic Control Posts for Military Police on APPLE II will be as follows: (see attached overlay listed as appendix 1 to Annex F.)

(1) Enroute from Camp Desert Rock to trench area and to Parking Lot.

TCP #1 (Yucca Pass) Records passage of March Unit and is rendezvous point.

TCP #2 (RJ 2) Guide vehicles "LEFT".

TCP #3 (RJ 35) Guide vehicles "Straight Ahead".

TCP #4 (RJ 36) Guide vehicles "RIGHT".

TCP #5 (Turn off to Mine Mountain) Guide March Unit NR 1 (ONLY) "LEFT". All others "Straight Ahead".

TCP #6 (RJ 37) Guide vehicles "LEFT".

TCP #7 (RJ 38) Guide vehicles "RIGHT".

TCP #13 (Trench Area) This is Dismount Point and control of dismount and entry of observers into respective trenches will be executed.

TCP #8 (RJ 39) Guide vehicles "RIGHT".

TCP #9 (RJ 32) Guide vehicles "LEFT".

TCP #10 (RJ 40) Guide vehicles "RIGHT".

TCP #11 (RJ 33) Guide vehicles "LEFT" into order for parking.
After shot dispatch according to para 3(c).

(2) Leaving from Parking Area thru Display Area and return to Camp
Desert Rock, Posts.

TCP #12 (RJ 34) Guide vehicles "LEFT".

TCP #3 (RJ 35) Guide vehicles "LEFT".

TCP #4 (RJ 36) Guide vehicles "RIGHT".

TCP #5 (Turn off to Mine Mountain) Guide March Unit NR 1 (ONLY)
"LEFT". All others "Straight Ahead".

TCP #6 (RJ 37) Guide vehicles "LEFT".

TCP #7 (RJ 38) Guide vehicles "Straight Ahead".

TCP #13 (Access road through Display Area) Guide vehicles "RIGHT"
onto access road, park, load, guide vehicles "RIGHT".

TCP #8 (RJ 39) Guide vehicles "Straight Ahead".

TCP #9 (RJ 32) Guide vehicles "LEFT".

TCP #10 (RJ 40) Guide vehicles "RIGHT".

TCP #2 (RJ 2) Guide vehicles "RIGHT".

TCP #1 (Yucca Pass) Records passage of March Units.

g. The Military Police Company will effect SOP #36 during rehearsals and
operations of shot APPLE II (5 Military Police and 3 - 1/4 tons w/radio).

h. Car 10 w/driver (1 - M.P.) will be provided the Provost Marshal.

i. The Commanding Officer of the M.P. Company will be Acting P.M. at
Camp Desert Rock during shot rehearsals and operations.

j. Military Police on posts will not interfere with non-serial vehicles
but will endeavor to cross infiltrate at road junctions, civilian vehicles
will have priority of right of way.

4. REQUIREMENTS

a. Personnel - from Company from P.M.O.
(2 Officers, 28 EM) (2 Officers)

b. Vehicles - 1 - 1/4 ton w/ radio - P.M. 1 - 1/4 ton w/radio
TCP #11, 1 - 1/4 ton w/out radio - TCP #11.
1 - 1/4 ton w/radio - Car 5, 1 - 1/4 ton w/radio
Car 23, 1 - 1/4 ton w/radio - Car 24.
(5 w/radio - 1 w/out radio)

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5. ADMINISTRATIVE REQUIREMENTS

a. All Military Police personnel participating in this operation will draw film badges.

b. Military Policemen provided flare pots will be responsible for lighting them, putting out the flame and returning them to Company C, 505th M.P. Battalion. (10 flares will be required, 1 each TCP #2, #3, #4, #5, #6, #7, #8, #9, #10, #11).

c. Military Policemen will be provided with either traffic batons or flashlights.

d. Uniform will be "OG 108", with helmet liners, canteen and belt with cup, and without sidearms.

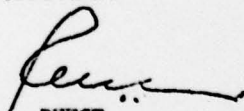
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APPENDIX:

1. M.P. Control Map

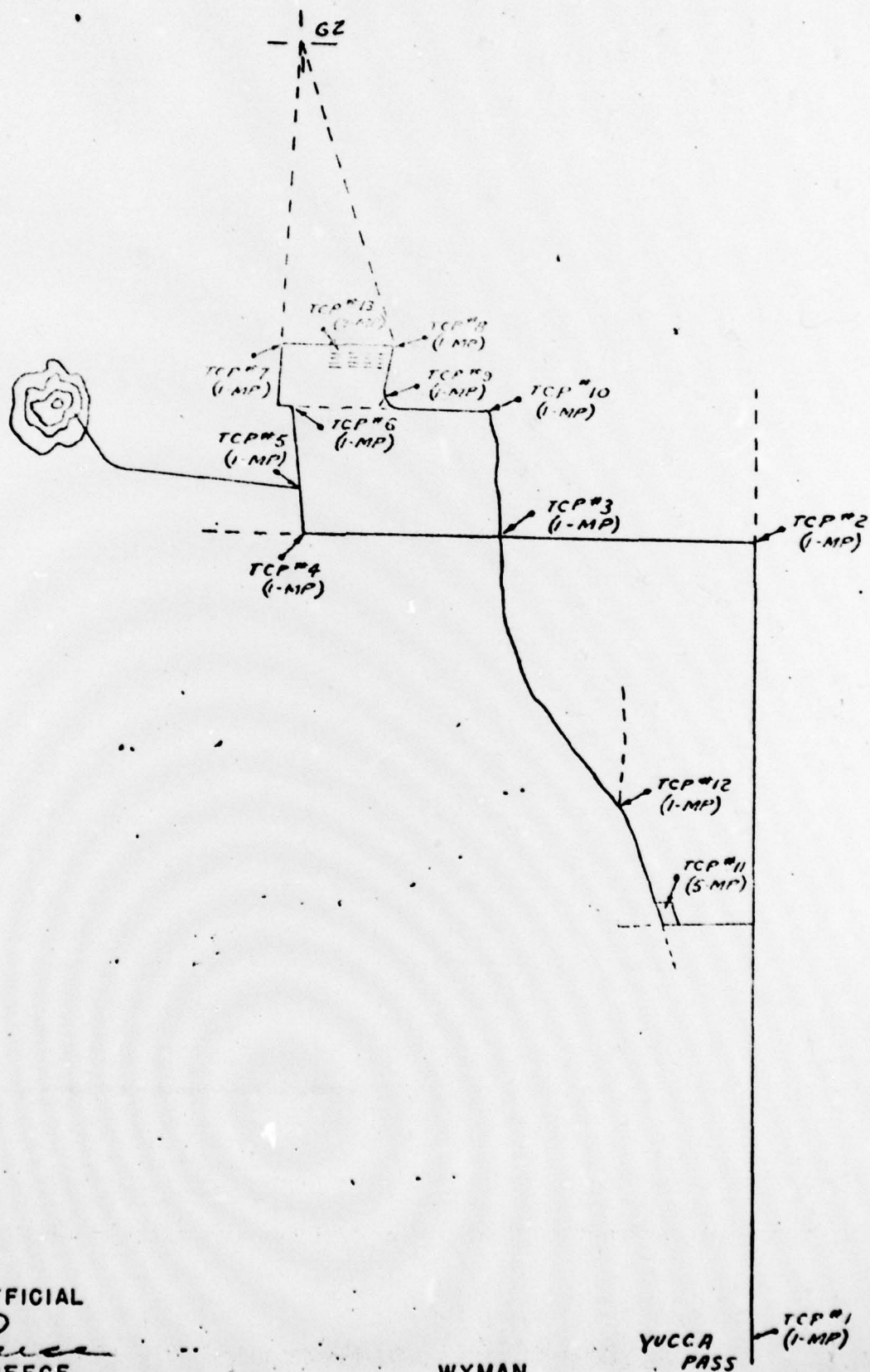
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APPENDIX I TO ANNEA F
(MP CONTROL)
OPERATION ORDER NR 9

HQ EXERCISE DESERT ROCK VI
(872536) NEVADA
250800 APRIL 1955

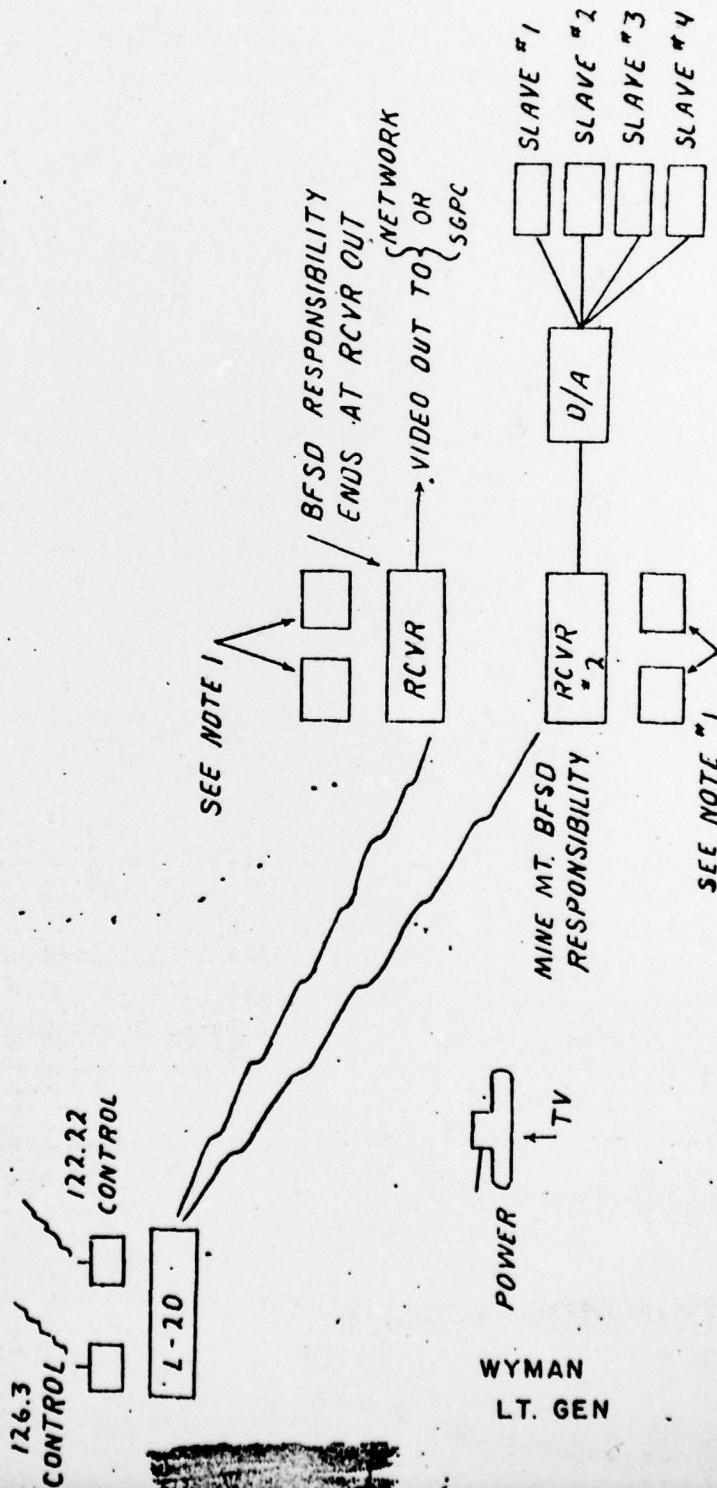


ANNEX G (B.F.S.) TO
OPERATION ORDER NR 9

HQ. EXER SE DESERT ROCK VI
(872536) NEVADA
250800 APRIL 1955

NOTE 1: 2-ARC-12
REQ ONE ON 122.22
AND ONE (RCVR) ONLY
ON 126.3

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Headquarters Exercise Desert Rock VI
(872536) Nevada
250800 April 1955

ANNEX H (Emergency Evacuation Plan) TO OPERATION ORDER NR 9

1. MISSION

This annex outlines the procedure to be followed to accomplish the total evacuation of the forward area during Exercise Desert Rock VI. The Deputy Exercise Director through the Control Group Commander, will direct the implementation of this plan.

2. EXECUTION

Personnel will be prepared to execute a total evacuation of the forward area at any time during D-Day.

a. The direction of evacuation will be to the South to a designated place of safety in the following order:

- (1) Assembly area "A" (846878)
- (2) Check Gate NR 2 Camp Mercury (914605)
- (3) Camp Desert Rock motor pool (872537)

b. Transportation Commanders will be responsible for the movement of their vehicles during the evacuation and for maintaining the proper march unit order of their control.

c. Group Commanders will be responsible for the proper movement and loading of their groups aboard vehicles.

d. The following procedure will be followed for personnel in the entrenchment area.

(1) Observer personnel will assemble and entruck in vehicles under the supervision of the Group Commander.

(2) Control Group will assemble directly behind the control trench and entruck on order of the Control Group Commander.

(3) Provost Marshal will report to Control Commander at the Control Trench.

(4) Vehicles will be dispatched from parking area in march unit order to the entrucking area on order of the Control Group Commander.

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e. When personnel are in the display area the procedure will be as follows:

(1) Observer group commanders will move their units to the nearest 500 yard crossroads as directed by the Control Group Commander. The location of the group will be relayed by most expeditious means to officer at command trench, officer will in turn call parking area and have vehicles of group dispatched immediately. Vehicles will remain in march unit order throughout the operation.

(2) The column will move under the direction of the transportation commander to the designated place of safety. The interval between vehicles will be normal with no set time between serials.

(3) Battery "C" (-) 532d FA Bn (Obsr) will designate FLASH OP as assembly point. When all personnel are accounted for, Battery Commander will notify Control Group Commander and proceed by most direct route to Camp Desert Rock Motor Pool.

(4) The Control Group will evacuate the test area on order of the Deputy Exercise Director when it is assured that all other groups have been evacuated.

(a) The Control Group Commander will have a check made of the vehicles at the designated rendezvous area.

f. (1) Maximum vehicle speed will be 35 MPH.

(2) Vehicle March Units will remain intact during all movements.

(3) Command MP, and Medical units will have road priority during the movement.

(4) The decontamination team of the 50th Chemical Service Platoon will move mobile and portable decontamination equipment to the designated place of safety to perform such decontamination as directed.

(5) Decontamination of personnel will be carried out on order.

(6) Code designation for the evacuation plan will be "CONDITION RAIN".

(7) "Condition Rain" will be transmitted by most readily available means and will be authenticated by the Camp Desert Rock Rad-Safe Officer.

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- [REDACTED]
- (8) "Condition Rain" will be transmitted to all groups of Task Force by all means available. Siren at command trench will sound groups of seven.
 - (7) short blasts, with 30 second intervals between groups.
 - (9) Windows in vehicles will be closed when practical.
 - (10) Individuals will refrain from eating or smoking during the evacuation.

3. MEDICAL EVACUATION

- a. Aid stations in parking area will cease operation upon the evacuation of all personnel from the forward area and join the control group March Unit.
- b. Casualties will be evacuated to the Medical Detachment at Camp Desert Rock.
- c. Route of evacuation will be the most direct route available.

4. MISCELLANEOUS

- a. Emergency Signal: Seven (7) short blasts with a 30 second interval by siren.
- b. Forward CP will move from entrenchment area upon receipt of "Condition Rain". New location to be announced at time of movement.

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SCHEDULE OF EVENTS

ITEM	TIME	EVENT
1.	D-6 Days	Armd Task Force arrive assembly area (738920) 1200
2.	D-4	0900 Provisional Avn. Co. arrive airstrip Yucca Lake.
3.	D-4	1000 - 1800 Armd Task Force Dry Run.
4.	D-3	0430 - 1030 Armd Task final rehearsal.
5.	D-3	1030 - Provisional Avn. Co. depart forward Area for Camp Desert Rock.
6.	D-3	1200 - Mobile TV unit emplaced (777973). Vehicles will remain in place until after shot. Position unmanned until D-1.
7.	D-2	Armd vehicle display via (797000) Tippipah Spring Road.
8.	D-2	0830 - Packet Unit Observers depart Camp Desert Rock for orientation in trench area.
9.	D-1	1230 - Camp Desert Rock Official Observers depart Camp Desert Rock for orientation in trench area.
10.	D-1	1300 - Armd Task Force moves into position and personnel will remain with vehicles.
11.	D-1	1400 - 532d FA moves into manned positions.
12.	D-1	1700 - Inf Regt Commo personnel will move into trench area.
13.	D-1	1700 - Mobile TV personnel occupy camera stations, Mine Mountain.
14.	D-1	1700 - Provisional Avn. Co. (with 2 H-23 helicopters from Camp Desert Rock attached) arrive Yucca Lake.
15.	D-1	2000 - Camp Desert Rock Signal personnel arrive in trench area; open wire and radio nets.
16.	H-4:00	Motor Serials depart Camp Desert Rock for trench area.
17.	H-1:00	All occupied stations checked for communications. Observers oriented over FA system.
18.	H-0:10	All observers placed in trenches.
19.	H-0:02	Siren signal, Observers crouch in trenches.
20.	H-Hour	SHOT
21.	H+0:06	Armd Task Force moves to attack, see Appendix NR 1 to Annex A.
22.	H+0:10	Rad-Safe survey teams move in accordance with Annex E.
23.	H+0:20	Observers will move through display area.

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ITEM	TIME	EVENT
24.	H+0:30	Vehicle on call from display area on call of Control Group Commander.
25.	H+1:00	Observers will assemble, brushed off, mustered and begin to load vehicles.
26.	H+1:30	Motor serials begin to depart forward area.
27.	H+2:00	Armd Task Force returns to trench area - personnel dismounted and walk through display area.
28.	H+4:00	Armd Task Force returns to assembly area.
29.	H+4:00	Provisional Avn. Co. returns to Camp Desert Rock.
30.	D+1 Day	0800 - 1800 Canadian RDU Teams perform Rad-Safe survey in T-1 area.
31.	D+2 Days	Do
32.	D+2 Days	Armd Task Force departs assembly area for Camp Irwin.

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